



# ವಾರ್ಷಿಕ ವರದಿ ANNUAL REPORT 2014-15



ತೋಟಗಾರಿಕೆ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬಾಗಲಕೋಟೆ, ಕರ್ನಾಟಕ  
UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT, KARNATAKA

Realizing the importance of Horticulture and the need for research and development, support for its further expansion, the University of Horticultural Sciences, Bagalkot was established by the Government of Karnataka through a Special Ordinance (No. 2 of 2008) on 22-11-2008 and duly enacted by: Karnataka Act 11 of 2010 Dated 13-05-2010. Bagalkot was rightly chosen for its head quarter as the district is known for its rich horticultural production base of Grapes, Pomegranate, Banana, Lime, Sapota, Ber, Fig, various types of Vegetables, Beetle Vine, Coconut, Spices, Medicinal and Aromatic Plants.

### The Mission

To enhance the growth of horticulture sector by providing leadership in creative teaching, strategic research and effective extension education services in horticulture and allied sciences through continuous innovation and significantly promising paradigms, concepts and technology development by adopting an end to end approach, resolving inter-sectoral issues, addressing problem areas and promoting inter disciplinary and multi-dimensional research for development.

### The Mandate

The University has three important mandates namely, imparting quality education; conducting applied, strategic and basic research in all branches of horticulture related and allied disciplines and facilitating transfer of technologies for the benefit of farming community through effective extension education system and outreach programmes.

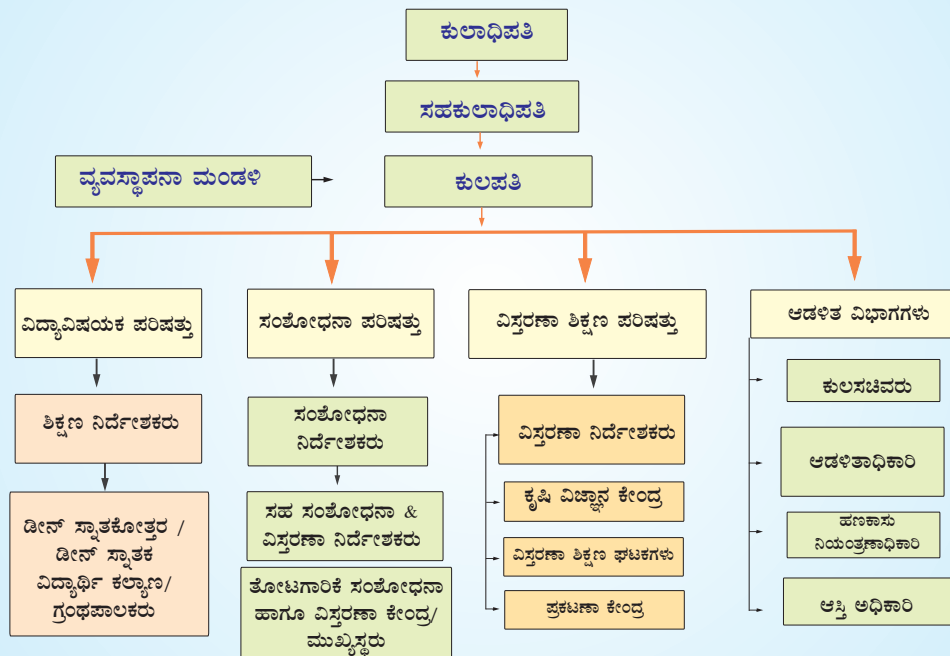
### Jurisdiction

The University of Horticultural Sciences, Bagalkot has the jurisdiction of entire state of Karnataka. Accordingly, its Colleges, Research Institutions and Extension Education Units are spread over to all the districts of the state. 8 Colleges, 11 Horticulture Research Stations and 12 Extension Education Units are functioning under the University. There are 10 AICRP projects on different crops sanctioned by the ICAR.

### Vision

Attaining new heights in horticulture education, research and extension, shaping into a premier University for creation of horticultural wealth ensuring food and nutrition security.

## ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ರಚನೆ





## 6<sup>TH</sup> FOUNDATION DAY



6<sup>th</sup> Foundation Day of University of Horticultural Sciences, Bagalkot was celebrated on 22nd November, 2014. The function was presided over by Sri. H. Y. Meti, MLA, Bagalkot and Member, BOM Sri. Basavaraj S Horatti, MLC, Dharwad and Member of BOM; Sri. Narayana S Bhandage, MLC, Bagalkot; Sri. J. T. Patil, MLA, Bilagi and Member of BOM and others Members of Board of Management, UHS Bagalkot and Dr. S B Dandin, Former Vice-Chancellor, UHS, Bagalkot were chief guests on this occasion. Dr. P. G. Changappa, Former Vice-Chancellor, UAS, Bengaluru delivered the foundation day address. The meritorious students who were selected for Donors Scholarship along with the donors were honoured. Further, the teachers and the students who have brought State and National level awards in various sports, NSS and cultural events were also honoured.

# 6ನೇ ವಾರ್ಷಿಕ ವರದಿ 6<sup>th</sup> Annual Report

ಕೋಟಗಾಲಿಕೆ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ,  
ಉದ್ಯಾನಗಿರಿ, ಬಾಗಲಕೋಟೆ-587 104, ಕರ್ನಾಟಕ  
UNIVERSITY OF HORTICULTURAL SCIENCES,  
UDYANAGIRI, BAGALKOT-587 104, KARNATAKA



**Dr. D. L. MAHESWAR**

Vice Chancellor

University of Horticultural Sciences

Udyanagiri, Hubli Bypass

Near Seemikeri Cross, Bagalkot-587 104



## PROLOGUE

I am pleased to present my first Annual Report as second Vice-Chancellor of the University of Horticultural Sciences, Bagalkot for year 2014-15. The accomplishments in the year 2014-15 have been a further year of significant and a comprehensive progress including a number of mile-stones. The rustle of the pages that follows will highlight a range of achievements encompassing visionary plans laid out, projects implemented, measures taken for empowering students, teachers and more importantly the farming community through comprehensive support, thrust to research and extension. It also brings out the state of art infrastructure created, intellectual accomplishments in the horticultural educational sector, besides brings out the string of achievements in tune with the rapidly changing global academic scenario.

Realizing the importance of horticulture sector and the need for research and development support for its further expansion, the University of Horticultural Sciences, Bagalkot was established by the Government of Karnataka during 2008-09. The university has eight Horticulture Colleges, three Post Graduate Centres, 12 Research Stations, ten AICRP Centres, more than ten specialized research centres and 12 Horticulture Extension Education Units with One KVK catering to the needs of farmers across 23 districts jurisdiction of Karnataka. New academic appointments and support staff is yet another decision of the Board of the Management, which provides an impetus to perform mandate objectives of the University.

Student recruitment to all the programs remains constant and strong, reflecting the academic stability of the university. The University offers Diploma in Horticulture, Graduate Degree Program in Horticulture (B. Sc-Horticulture), Post Graduate Degree program (M.Sc., Hort) in nine disciplines, Post Graduate Diploma programs in two disciplines and Doctoral Degree program (Ph.D). The university is clear in its focus to discharge its mandate to be leading institute of higher education in horticulture discipline in the country.

For the overall development of horticulture sector in the state, the university has been conducting strategic, basic and applied research in all branches of horticulture. The research thrust has significantly increased the quest to be a research-driven university to address sectoral and State developmental needs, the Directorate of Extension is involved in transfer of technologies through organizing trainings, demonstrations, seminars, publications, exhibitions, fairs and through e-extension. A greater and a close association with farming community to manage crisis and strategic situations on a strong footing has been a model extension approach of the university.

University is now well positioned to deliver its strategic objectives, deal with challenges ahead and make full use of the excelling opportunities and thus enters the year 2015-16 with confidence. The year 2014-15 has been my maiden year in the office of the Vice-Chancellor has provided me with life time experience in my career to perform with the opportunities in the University system.

I offer my grateful thanks to the Government of Karnataka, His Excellency the Governor of Karnataka and Chancellor of UHS Bagalkot, Hon'ble Chief Minister, Minister for Horticulture and the Pro-Chancellor and the Members of the Board of Management for their unflinching support to the university. I also extend our thanks to the Director General and all officers of Indian Council of Agricultural Research, Principal Secretaries of Horticulture and Finance Departments, members of Academic, Research and Extension Councils for their timely guidance and suggestions extended for the smooth governance of University administration during the year 2014-15.

The Officers of the University, Heads of the Departments, faculty support staff and students who have conjoined in the journey to achieve greater heights throughout the year deserve my appreciative thanks. The devotion of Director of Extension and his staff in editing and bringing the Annual Report 2014-15 in a more presentable and attractive form is quite appreciative. May I appeal to all the faculty, students, farmers and all other stake holders to strive collaboratively to transform this great institute into a world class educational and entrepreneurial hub.

***“Let's join hands to make the University to serve the Humanity and Society”***

Place : Bagalkot  
Date : September, 2015



**(D. L. MAHESWAR)**



## CHANCELLOR AND PRO-CHANCELLOR OF UHS, BAGALKOT



**Shri Vajubhai Vala**  
Hon'ble Governor of Karnataka and  
Chancellor, UHS, Bagalkot



**Dr. Shamanur Shivashankarappa**  
Hon'ble Minister for Horticulture & Agril. Marketing and  
Pro-Chancellor, UHS, Bagalkot

## HON'BLE MEMBERS OF UHS BOARD OF MANAGEMENT



**Dr. D. L. Maheswar**  
Vice-Chancellor & Chairman, BOM



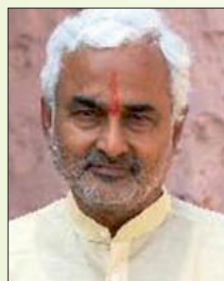
**Shri. Rajeev Chawla, IAS**  
Principal Secretary Horticulture



**Shri I. S. N. Prasad, IAS.**  
Principal Secretary Finance



**Shri. H. Y. Meti,**  
MLA, Bagalkot



**Shri. J.T. Patil**  
MLA, Bilagi



**Shri. Basavaraj Horatti**  
MLC



**Shri. Shadakshari Smamy S.P. IAS**  
Director of Horticulture



**Dr. T. V. Muniyappa**



**Shri P. S. Suresh**



**Dr. Baburanjendra B. Naik**



**Shri. G. R. Gujjannavar**



**Shri. H. K. Srikanta**



**Smt. Laxmibai G. Gour**



**Dr. S. D. Sawant**  
Director

## OFFICERS OF UNIVERSITY



**Dr. J. Venkatesh**  
Director of Research



**Dr. A. B. Patil**  
Director of Extension



**Dr. M. B. Madalageri, Registrar  
& AO & Member Secretary, BOM**



**Dr. H. B. Lingaiah, Dean COH,  
Bengaluru & Member, BOM**



**Dr. M. B. Guled**  
Dean (PGS) & Librarian



**Dr. Y. K. Kotikal**  
Dean (Students Welfare)



**Dr. C. P. Mansur**  
Dean, COH, Bagalkot



**Dr. V. Nachegowda**  
Dean, COH, Kolar



**Dr. M. S. Kulkarni**  
Dean, COH, Arabhavi



**Dr. N. Basavaraj**  
Dean, COH, Sirsi



**Dr. K. N. Kattimani**  
Dean, COH, Koppal



**Dr. Indiresk K. M.**  
Dean, COH, Mysore



**Dr. M. S. Lokesh**  
Dean, COH, Bidar



**Mr. D. L. Sutagatti**  
Comptroller



**Mr. V. G. Jotennavar**  
Estate Officer



## OVER VIEW

The administration of the University of Horticultural Sciences is looked after by the Board of Management under the Chairmanship of the Vice Chancellor. Apart from this, the Academic Council, Research Council, Extension Education Council, and Financial committees have been constituted under the Chairmanship of the Vice - Chancellor and are meeting regularly for guiding the University in all its activities.

### TEACHING

University is having eight teaching campuses where graduate programmes are offered. The post graduate programmes are offered in five campuses. The proposal of the University to establish a College of Horticultural Engineering and Food Technology is with the Government for its consideration. The University of Horticultural Sciences offers a four years degree programme in Horticulture [B.Sc (Horti)]; two years Post Graduate Programme [M.Sc (Horti)] in 9 disciplines (Floriculture and Landscape Gardening, Plantations, Spices, Medicinal Aromatic Plants, Vegetable Science, Fruit Science, Post Harvest Technology, Crop Improvement and Biotechnology, Horticulture Pathology, Entomology and Soil Science and Agriculture Chemistry along with 3 years Ph.D. programme in Horticulture. During 2014-15, for the first year of B.Sc. Horticulture programme 443 students have been admitted out of which 220 are boys and 223 are girls, while 136 students have been admitted to the Post Graduate Programme out of which 81 are boys 55 are girls. During 2014-15, 36 students have been admitted to Ph.D, out of which 24 are boys and 12 are girls. Through Indian Council of Agricultural Research, 15 students have been admitted to B.Sc. (Horticulture) and 23 students have been admitted M.Sc. (Horticulture) during the current year. The University has started two year Horticulture Diploma at Bangaluru and Bagalkot campuses where in 25 candidates each are admitted to this course. During the current year for the first time in the nation a one year Post Graduate Diploma in “Viticulture and Oenology” is started at Bagalkot and 15 students are admitted. Thus, a total of 1997 students are studying in different programmes in the University. During the current year 14 students from this University are qualified in the JRF examination conducted by ICAR with fellowship and 186 students have been qualified without fellowship. Similarly, students of this university have been qualified in the ICAR SRF examination with fellowship. The University has taken suitable steps to create important infrastructure such as College Buildings, Students Hostels. Library and other sports facilities required for the students and has also provided other facilities.

The Karnataka Tanda Development Board has extended financial support for conducting one year skill development training for the school and college drop out rural unemployed youth. The first batch of 43 students have completed the course at RHREC, Dharwad and it is planned to train another batch of 50 students.

The students in B.Sc. (Horticulture) are undergoing Rural Horticulture Work Experience Programme (RHWE) for a period of 5 months apart from completing the prescribed curriculum in this programme. The final year students will stay in the rural areas and work with the farming communities to understand problems and exchange their knowledge and experiences with the farmers. This will strengthen their confidence for their future career. This program is implemented in seven constituent colleges in the university.

## RESEARCH

Besides on the soil types, agro climatic conditions, crop components and their associated constraints, the University of Horticultural Sciences, Bagalkot has 3 Regional Horticultural Research and Extension Centers (RHREC), 8 Horticulture Research and Extension Stations (HRES), 10 All India Coordinated Research Projects (AICRP). Crop specific and advanced research projects are formulated for taking up required research activities. At present 47 externally funded research projects are in progress and under these projects research on different crops is being conducted.

Under RKVY, nine mega projects worth Rs 2760 lakhs, are in progress. The important projects are Post Harvest Technology Centre, Soil and Water Diagnostics Centre, Vegetable Research Centre, Bio-technology Centre, Centre for Commercially important Medicinal and Aromatic Plants, Centre of Excellence on Food for Health, Centre for Viticulture and Oenology etc.

Apart from this, 20 projects worth Rs. 566 lakhs are supported by National Horticultural Mission, The Directorate of Cashew and Cocoa Development supports projects worth Rs. 28.61 lakhs. The Information Technology and Biotechnology Department of Government of Karnataka are supporting the establishment of Centre of Excellence on Biotechnology at an outlay of Rs. 850 lakhs. Two projects are supported by Biotechnology Department, Government of India (Rs. 82.27 lakhs). The National Horticulture Board has sanctioned a project worth Rs. 59 lakhs. The Coconut Development Board is supporting one project of Rs. 4.11 lakhs and Department of Science and Technology is supporting a project with an assistance of Rs. 19.80 lakhs. The World Bank assisted Sujala-III Watershed Development project for Rs.971.06 lakhs is being implemented in Bidar district. Apart from this over 395 University research projects are in progress.

During the current year two improved cultivars in arecanut (A-1/266 and A-1/447), one each in Garlic (AAS-2) and Sapota (DHS-2/1) are developed and recommended for release. Apart from this nutrient management in China Aster, fertigation in oil palm and coconut, intercropping in cashewnut, shade net cultivation of tomato, spacing in coleus, management of mealy bugs in mango, management of inflorescence blight of arecanut, post harvest storage technologies for onion and potato etc., are developed for release. Similarly 28 research technologies are being tested through multilocation trials on farmer's fields and research stations and will be released in ensuing years.

Apart from research in the university, the plant protection products, growth regulator and nutrients packages are also being tested on the research farm and farmers fields and the outcomes will be released for use after confirmation. During the current year 17 such experiments are undertaken in the university. Horticulture research stations and constituent colleges produce high quality planting materials for the benefit of farmers. During the current year over five lakhs seedlings and grafts have been produced and distributed at reasonable cost. Along with this, around 28.64 tonnes of seeds of vegetables, flowers and other field crops are produced and distributed to farmers.

The University is producing anti bacterial and anti fungal biological agents for control of bacterial blight and wilt of pomegranate in the name of "Dundanu Rakshak" and "Tricho Kavach". The university has also established seed testing laboratory for testing the quality of seeds for the benefit of farmers. Along with this, the scientist of the research centres and colleges visit the problematic fields of the farmers from time to time and provide technical consultation and solutions.



## EXTENSION

The major spheres of activities of the Directorate of Extension include participation and effective organization of training programmes, assessment, refinement and demonstration of technologies and conducting farm trials, field visits, Krishimelas, field days, exhibitions, publication of farmer oriented extension literature, popularizing the technologies through T V programmes, radio talks and documenting success stories. The outcome of the research programmes in horticulture and allied sciences are promptly and continuously taken to the farmers and other stake holders through above activities.

University of Horticultural Sciences, Bagalkot, has one Krishi Vignan Kendra at Kolar and 12 Horticulture Extension Education Units spread over the state. These units have been conducting different extension activities to help the farmers in imparting required information.

The Directorate of Extension has organized short term and long term training programmes on commercial cultivation of flowers, medicinal and aromatic plants, soil testing, integrated nutrient management, integrated pest and disease management, post harvest technologies, vegetable seed production, nursery management of fruit crops, value addition of fruits and vegetable crops, organic farming, protected cultivation practices, use of bio-control agents, mushroom cultivation, soil and water management etc., during the current year. During 2014-15 a total of 68 training programmes were organized by the University and our scientists have served as resource persons in 205 training programmes. A total of 3870 persons got benefited from these programmes.

**Field Visits and Demonstrations:** Scientists of the University undertake field visits and provide required technical information and field advice to the farmers. Apart from the Extension units the teachers from the teaching campuses also undertake field visits and guide the farmers. Request based field visits are also undertaken based on the request of the farmers and their organizations. Conducting demonstrations on farmers' fields is one another important activity of Directorate of Extension. During 2014-15 more than 73 demonstrations were undertaken on the farmer's fields, which included 12 front line demonstrations and 61 method demonstrations.

**Integrated Farming Systems:** The University is implementing the Horticulture based integrated farming systems project in various districts under its jurisdiction with an objective to plan as per the resources of the farmers and promoting scientific and technological based farming practices for the sustainable benefit of farmers.

**Celebrating International Year of Soils:** As per the plan proposed by Honourable Prime Minister and declaration of 2015 as international year of soils, the university has planned special awareness programmes on soil health. In this direction, the university is ensuring soil test based nutrient management practices in all villages where integrated farming systems project is implemented. Apart from this the laboratories under the university are extending soil testing and advisory services to the farmers. The university is also organising radio and Doordarshan programmes and is bringing out special publications on soil health.

**Bruhat Udyana Mela 2014:** The University has organised Bruhat Udyana Mela from 12<sup>th</sup> to 15<sup>th</sup> December 2014 at main campus of the University. Honorable Chief Minister of Karnataka Sri Siddaramaiah inaugurated the mela in presence of other ministers of the state. Mechanisation for prosperity was the theme of Bruhat

Udyana Mela. The mela was beneficial to the farmers which exhibited new technologies on horticultural crops, provided technical consultancies to the farmers, provided platform for sharing of experiences and technologies between farmers to farmers and farmers to scientists. Livestock exhibition was the other special features of the mela. Around 1.50 lakh farmers from various districts in the state visited the mela and got benefited. During the Mela twenty three Achiever farmers were selected from twenty three districts and honoured with “Best Horticulture Farmer Award”.

**Collaboration with National and International Institutions:** University has signed Memorandum of Understanding with various National and International Institutions to have collaborations in various aspects of Teaching, Research and Extension. The important ones include 1) Texas A and M University, America, 2) World Vegetable Centre Taiwan, 3) Bioversity International, Italy, 4) Perdue University, America, 5) International Crops Research Institute for Semi Arid Tropics, Hyderabad, 6) National Academy for Agricultural Research Management, Hyderabad, 7) National Institute for Agricultural Extension Management, Hyderabad. Apart from these, University has also signed MOU's with different non governmental and private sector organizations.

### **PROGRESS OF DEVELOPMENT WORKS**

**Land for the Development of the University:** At present the Government of Karnataka has sanctioned 300 acres of land for various activities of the University. A proposal has been submitted for the sanction of additional land for the university. The construction of University Administrative block is nearing its completion and will be available for use after its inauguration in one or two month's time. The College of Horticulture in the Udyanagiri main campus, Directorate of Research and Directorate of Extension are housed in the newly constructed buildings in the main campus. Apart from this, Fruit Science Division in Sector No.70 and Vegetable Science Division in Sector No.1 and Medicinal and Aromatic crops divisions in sector 42 have their field facilities.

The college and hostel buildings in the new colleges established under the university are completed and have been occupied. Four divisional blocks, seeds processing centre and seed testing laboratory constructed in the main campus of Bagalkot are in use. The construction of two more divisional blocks in the main campus are in progress.

The construction of student's hostels in Bangalore campus is completed and the construction of the first floor of the main building of College of Horticulture is in progress. The University has taken up several other developmental works with support under RKVY and NHM programs and the works are in progress.

### **OVERSEAS VISITS**

The Scientists from constituent colleges of Kolar, Bagalkot, Sirsi, Arabhavi, Bangaluru and Mysore apart from Deans and Director of Research and Scientists working in research centres of the University have participated in various training programmes, seminars, workshops and the conferences held abroad and presented their research papers.



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ಸಂಶೋಧನಾ ಪರಿಷತ್ತು



ವಿಸ್ತರಣಾ ಶಿಕ್ಷಣ ಪರಿಷತ್ತು



ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು

ಅವಲೋಕನ



## ತೋಟಗಾರಿಕೆ ಮಹಾವಿದ್ಯಾಲಯಗಳು

ಬಾಗಲಕೋಟೆ



ಬೀದರ



ಅರಬಾವಿ



ಕೊಪ್ಪಳ



ಶಿರಸಿ



ಕೋಲಾರ



ಮೈಸೂರು



ಬೆಂಗಳೂರು



# ಶೃಕ್ಷಣಿಕ



## ಪ್ರಾದೇಶಿಕ ತೋಟಗಾರಿಕೆ ಸಂಶೋಧನಾ ಮತ್ತು ವಿಸ್ತರಣಾ ಕೇಂದ್ರಗಳು

ಬಾಗಲಕೋಟೆ



ಧಾರವಾಡ



ಬೆಂಗಳೂರು



ತಿಡಗುಂದಿ (ವಿಜಯಪುರ)



ದೇವಿಹೊಸುರು (ಹಾವೇರಿ)



ಹಿಡಕಲ್ ಡ್ಯಾಮ್



# ಸಂಶೋಧನೆ



## ತರಬೇತಿ ಮತ್ತು ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳು



# ವಿಸ್ತರಣೆ



ಆಡಳಿತ ಭವನ

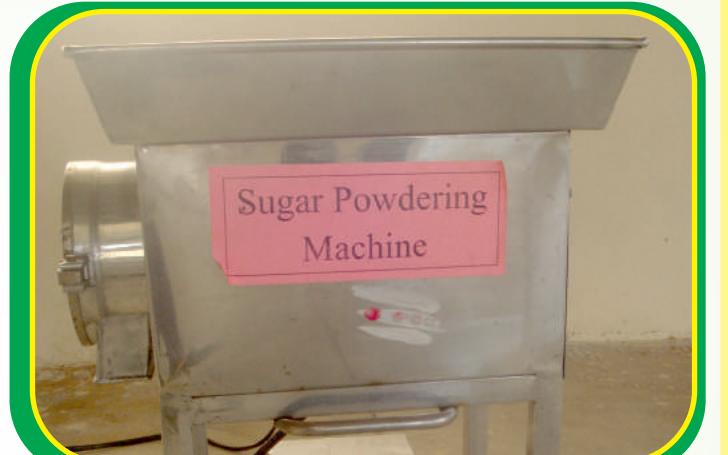


ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ



ಆಡಳಿತ





ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳ  
ಪ್ರಗತಿ ಮತ್ತು ಆರ್ಥಿಕ ವಿವರಗಳು

## 1

## INTRODUCTION

## 1.1 Academic Council

1.	Vice Chancellor, UHS, Bagalkot	Chairman
2.	Director of Research, UHS, Bagalkot	Member
3.	Director of Extension, UHS, Bagalkot	Member
4.	Dean (PGS), UHS, Bagalkot	Member
5.	Registrar, UHS, Bagalkot	Member
6.	Dean student welfare, UHS, Bagalkot	Member
7.	Comptroller, UHS, Bagalkot	Member
8.	Dean, College of Horticulture, Arabhavi	Member
9.	Dean, College of Horticulture, Bagalkot	Member
10.	Dean, College of Horticulture, Bidar	Member
11.	Dean, College of Horticulture, Kolar	Member
12.	Dean, College of Horticulture, Mysore	Member
13.	Dean, College of Horticulture, Koppal	Member
14.	Dean, College of Horticulture, Sirsi	Member
15.	Dean, College of Horticulture, Bangalore	Member
16.	Dr. H. B. Patil, Professor and Head, HRS, (Tidagundi) Bijapur	Member
17.	Dr. T R Guruprasad, ADRE & University Head, Dept of PSMAC, RHREC Bangalore	Member
18.	Dr. Prakash B .G. Professor and University Head, Dept of Crop Improvement and Biotechnology, COH, Mysore	Member
19.	Dr. M Pratap, Registrar, KLTSHU, Rajendranagar, Hyderabad	Member
20.	Director of Education	Member Secretary

## 1.2 Research Council

1.	Honourable Vice-Chancellor, University of Horticultural Sciences, Bagalkot	Chairman
2.	Director of Horticulture / Nominated Additional/Joint Director of Horticulture, Department of Horticulture, Lalbagh, Bengaluru-04	Member
3.	Director of Agriculture / Nominated Joint Director of Agriculture, Department of Agriculture, Sheshadri Road, Bengaluru-01	Member
4.	Director of Agriculture Marketing / Nominated Joint Director of Agriculture Marketing, Department of Agriculture Marketing, II <sup>nd</sup> Rajabhavan Road, Bengaluru-01	Member
5.	Director of Watershed Management/ Nominated Joint director, Department of Watershed Management, Kaveri Bhavan, Bengaluru	Member
6.	Chief Conservator of Forest, Research and Training, Aranya Bhavan, Malleshwarm, Bengaluru	Member

7.	Director KSNDMC, KSNDMC campus, Major Sandeep Unikrishnan Road, near Attur layout, Yelahanka, Bengaluru-64	Member
8.	Director National Bureau of Agriculturally important Insects P.Bag no. 2491, H.A Farm post Bellary Road Bengaluru-24	Member
9.	Director of Education, University of Horticultural Sciences, Bagalkot	Member
10.	Registrar, University of Horticultural Sciences, Bagalkot	Member
11.	Director of Extension, University of Horticultural Sciences, Bagalkot	Member
12.	Dean, Post graduate studies, University of Horticultural Sciences, Bagalkot	Member
13.	Dean, Students Welfare, University of Horticultural Sciences, Bagalkot	Member
14.	Dean, Kittur Rani Channamma College of Horticulture, Arabhavi	Member
15.	Dean, College of Horticulture, Bidar.	Member
16.	Dean, College of Horticulture, Bagalkot	Member
17.	Dean, College of Horticulture, Kolar	Member
18.	Dean, College of Horticulture, Mysore	Member
19.	Dean, College of Horticulture, Sirsi.	Member
20.	Dean, College of Horticulture, Koppal	Member
21.	Dean, College of Horticulture, Bengaluru	Member
22.	ADRE, Main Horticultural Research and Extension Centre, Bagalkot	Member
23.	ADRE, Regional Horticultural Research and Extension Centre, Dharwad	Member
24.	ADRE, Regional Horticultural Research and Extension Centre, Bengaluru	Member
25.	ADRE, Horticultural Research and Extension Station, Hogalgere.	Member
26.	Shri. C. R. Sorgavi, Ex-MLC and Chairman of Sufala Pomegranate Growers Association, At/Post: Arakeri, Tq: Bilgi (9900251826)	Member
27.	Dr. C.L.L. Gowda, Deputy Director General Research, ICRISAT, Patancheru, Greater Hyderabad (09849053475) c.gowda@cgiar.org)	Member
28.	Shri. Sharan Angadi, #582, VACHANA, 20 <sup>th</sup> cross, 20 <sup>th</sup> main, A Block, Sahakarnagar, Bengaluru -560092 (9845518632, sharanang@gmail.com)	Member
29.	Shri. K. Srinivas Gowda, S/o S. N. Krishne Gowda, At. Sikah village, Post: Mylandahalli, Chintamani Tq, Chikkaballapur district	Member
30.	General Manager / Head, Safal market, Sy.No99 Khajisonenahalli, Whitefield, Hoskote highway, Bengaluru-560067	Member
31.	Director / Nominated member, Indian Institute of Horticulture Research, Hessarghatta, Bengaluru-560089	Member
32.	Director / Nominated member, Central Food Technology and Research Institute, Mysore -570001	Member
33.	Managing Director / Nominated member, Karnataka State Agricultural Produce Processing and Export Corporation (KAPPEC), No.17, Richmond road, Bengaluru-560025	Member
34.	Managing Director, Horticulture Produce Growers Co-Operative, Marketing Society, Lalbagh, Bengaluru-560004	Member
35.	University Head (Fruit Science) - Dr. S. Jagannath, Professor of fruit science, COH, GKVK, Bengaluru	Member
36.	University Head (Vegetable Science) - Dr. H. B. Patil, Head, HRES, Vijayapura	Member



37.	University Head (PMA) - Dr. T. R. Guruprasad, ADRE, RHREC, Bengaluru	Member
38.	University Head (FLA)- Dr. Balaji S. Kulkarni, Prof. of Floriculture, KRCCH, Arabhavi	Member
39.	University Head (CIB)- Dr. B. G. Prakash, Professor of CIB, COH, Yelachenahalli, Yelawal hobli, Mysore	Member
40.	University Head (NRM)- Dr. T. B. Basavaraju, Prof. of Agronomy & Head, HRES, Arasikere	Member
41.	University Head (Plant Pathology)- Dr. N. Tammaiah, Prof. of Pathology & Head, AICRP (Fruits), KRCCH, Arabhavi	Member
42.	University Head (PHT) - Dr. K. N. Sreenivas, Professor of Post Harvest Technology, COH, GKVK, Bengaluru	Member
43.	University Head (Entomology) - Dr. Prasad Kumar, Prof. of Entomology, COH, Yelachenahalli, Yelawal hobli, Mysore	Member
44.	University Head (Social Science)- Dr. M.G. Kerutagi, Prof. of Agril. Economics, KRCCH, Arabhavi	Member
45.	Director of Research, University of Horticultural Sciences, Bagalkot	Member Secretary

### 1.3 Extension Education Council

1.	Hon'ble Vice Chancellor, UHS, Bagalkot	Chairperson
2.	Director of Horticulture, Lalbagh, Bangalore-560 004. or his nominee not below the rank of Joint Director	Member
3.	Director of Agriculture, Sheshadri Road, K.R. Circle, Bangalore-560001 or his nominee not below the rank of Joint Director	Member
4.	Director of Agricultural Marketing, 16, Ground Floor, Raj Bhavan Road Bangalore-560001, Karnataka or his nominee not below the of Joint Director	Member
5.	Director of Women and Child Welfare, MS Building, DWCD, 1 <sup>st</sup> Floor, Dr. Ambedkar Veedhi, Bangalore-560001.	Member
6.	Chief Conservator of Forest, Research and Training, Aranya Bhavan, Malleshwaram, Bangalore	Member
7.	Director, Indian Institute of Horticultural Research, Hessaraghatta Lake Post, Bangalore-560 089.	Member
8.	Director, Central Food Technology Research Institute, KRS Road, Near Akashvani Circle, Yadavagiri Mysore-570020.	Member
9.	The Managing Director, Karnataka State Agricultural Produce Processing and Export Corporation Ltd, No. 17, Richmond Road, Bangalore-560025.	Member
10.	General Manager/Head, Safal Market Unit (Mother Dairy-Food Process Ltd) Bangalore-560067.	Member
11.	The Director, Department of Watershed, 7 <sup>th</sup> Floor, KHB Complex, Kaveri Bhavan, Bangalore-560009.	Member
12.	Director of Education, UHS, Bagalkot	Member
13.	Director of Research, UHS, Bagalkot	Member
14.	Dean (PGS), UHS, Bagalkot	Member
15.	DSW, UHS, Bagalkot	Member
16.	Dean, KRCCHA, Arabhavi	Member
17.	Dean, COH, Bidar	Member
18.	Dean, COH, Bagalkot	Member

19.	Dean, COH, Kolar	Member
20.	Dean, COH, Mysore	Member
21.	Dean, COH, Sirsi	Member
22.	Dean, COH, Koppal	Member
23.	Dean, COH, Bangalore	Member
24.	Registrar, UHS, Bagalkot	Member
25.	ADRE, RHREC, Dharwad	Member
26.	ADRE, RHREC, Bangalore	Member
27.	ADRE, RHREC, Bagalkot	Member
28.	HOD, Dept. of Vegetable Sciences, UHS, Bagalkot	Member
29.	HOD, Dept. of Floriculture and Landscape Architecture, UHS, Bagalkot	Member
30.	HOD, Dept. of Plantation, Spices, Medicinal and Aromatic Crop, UHS, Bagalkot	Member
31.	HOD, Dept. of Crop Improvement and Biotechnology, UHS, Bagalkot	Member
32.	HOD, Dept. of Horticultural Crop Protection, UHS, Bagalkot	Member
33.	HOD, Dept. of Natural Resources Management, UHS, Bagalkot	Member
34.	HOD, Dept. of Post Harvest Technology, UHS, Bagalkot	Member
35.	HOD, Dept. of Allied Sciences, UHS, Bagalkot	Member
36.	Sri B.M. Desai, Progressive Farmer, At post: Yadahalli Tq: Bilagi Dist: Bagalkot.	Member
37.	Sri Hanumantaraddi C, Progressive Farmer, Palurahalli-563132, Alangur post, Mulabagilu Taluk, Kolar District.	Member
38.	Dr. Chandregowda, Principal Scientist, (External Education), ICAR, Zonal Project Directorate, MRS, H.A.Farm Post, Hebbal, Bangalore-560024.	Member
39.	Sri Vinod Guraddi, Agro-Horti Industrialist (Elite Winery) At post: Mudhol, Bagalkot District.	Member
40.	The Managing Director, Horticulture Produce Growers Co-operative Marketing Society (HOPCOMS), Lalbagh, Bangalore-560004.	Member
41.	Sri K.M. Udupa, Bharatiya Vikas Trust, Shivalli Manipal, Post: Kunjibetta-576102, Tq: Udupi.	Member
42.	The Chairman, Fruits Growers Association, Kaladagi, Tq & Dist: Bagalkot	Member
43.	The Director, Rural Development and Panchayat Raj, 3 Floor, Gate-III, Multi-storied Building, Vidhana Veedhi, Bangalore-560001.	Member
44.	The Director, Department of Co-operation, M.S. Building, Gate-3, GOK, Bangalore.	Member
45.	The Director, Department of Water Resources, "Vikasa Soudha, Bangalore-560 001.	Member
46.	The Director, Department of Karnataka State Seeds Corporation, Beej Bhavan, Bellary Road, Hebbal, Bangalore-5600024.	Member
47.	The Director, Department of Karnataka State Seeds Corporation, KAIC Compound, Bellary Road, Hebbal, Bangalore-5600024.	Member
48.	Sri Basavaraj Billar, Progressive Farmer, At post: Shirur, Tq & Dist: Bagalkot	Member
49.	DE, UHS, Bagalkot	Member Secretary

#### 1.4 Finance Committee

1	The Hon'ble Vice-Chancellor, UHS, Bagalkot	Chairman
2	The Principal Secretary to Govt. Finance Dept. or his nominee not below the rank of Deputy Secretary.	Member
3	Dr. T. V. Muniyappa, Board Member, UHS, Bagalkot nominated by the Chairman	Member
4	The Registrar, UHS, Bagalkot	Member
5	The Comptroller, UHS, Bagalkot	Member Secretary

**1.5 Heads of Horticulture Research Stations**

Sl. No	Station	Head	Phone	e-mail
1	Arsikere Hassan District	Dr. T. B. Basavaraju	9449872865	basavaraj.tb@uhsbagalkot.edu.in
2	Devihosur, Haveri District	Dr. M. H. Tatagar	9480696392	tatagar.mh@uhsbagalkot.edu.in
3	Kanabargi, Belgaum District	Dr. R.T. Patil	9480696397	rudragouda.patil @ uhsbagalkot. edu.in
4	Sirsi, Uttar Kannada District	Dr. Laxminaryana Hegde	8762189133	hegdelay@gmail.com
5	Tidugundi Bijapur District	Dr. H. B. Patil	9480696390	patil.hb@uhsbagalkot.edu.in
6	Hidkal dam Belgaum District	Dr. Anand B. Mastiholi	9449872867	anandbmasti@gmail.com
7	Hogalagere Kolar District	Dr. M. K. Honnabyraiah	9449872878	drhonna@yahoo.co.in
8	Somanhalli Kaval Hassan District	Dr. Vishnuvardhana	9449872864	vishnutipur@yahoo.com

**1.6 Heads of Regional Horticultural Research & Extension Centers**

Sl. No	Station	Head	Phone	e-mail
1	MHREC, Bagalkot	Dr. D. R. Patil	9449872861	adre.uhsbagalkot@gmail.com
2	RHREC, Dharwad	Dr. S. I. Athani	9449872863	athani.si@uhsbagalkot.edu.in
3	RHREC, Bangalore	Dr.T. R.Guruprasad	9480696382	prasad_nihal@yahoo.com

**1.7 Heads of Extension Education Units**

Sl. No.	HEEUs	Extension Leader	Email ID
1	Bidar	Dr. Mohammed Farooq COH, Bidar	mohammed.farooq@uhsbagalkot.edu.in, mdfarooq29@gmail.com,
2	Bagalkot	Mr. B.S. Lakshman Reddy, COH, Bgalkot	lakshmanreddy.bs@uhsbagalkot.edu.in, bslreddyextn@yahoo.com
3	Bijapur	Mr. Raghavendra Achari, HRS, Bijapur	achari_r@rediffmail.com,
4	Munirabad	Dr. Jagadeesh, N COH, Munirabad	jagadeesha.n@uhsbagalkot.edu.in, jaggudr@gmail.com
5	Dharwad	Dr. Gopali J. B., RHREC, Kumbapur	gopali.jb@uhsbagalkot.edu.in, jnaneshwar2007@yahoo.co.in
6	Devihosur	Dr. Tatagar, M.H., HRS, Devihosur	tatagar.mh@uhsbagalkot.edu.in, mtatagar@gmail.com
7	Mysore	Dr. B.G. Prakash COH, Mysore	prakash.bg@uhsbagalkot.edu.in prakash.banavadi@gmail.com
8	Sirsi	Dr. S.V. Patil COH, Sirsi	patil.sv@uhsbagalkot.edu.in sangapapvpatil@gmail.com



9	Arabhavi	Dr. R. B. Naik, COH, Arabhavi	naik.rb@uhsbagalkot.edu.in, rajatbnaik@gmail.com
10	Arasikere	Dr. T. B. Basavaraju HRS, Arasikere	basavaraju.tb@uhsbagalkot.edu.in, basavarajutb@gmail.com
11	Hogalagere, Kolar	Dr. Sreenath A. COH, Kolar	sreenatha.a@uhsbagalkot.edu.in, sreeagri@gmail.com
12	Bangalore	Dr. Mohankumar COH, Bengaluru	mohancph@rediffmail.com

### 1.8 Board of Studies- Post Graduate

1	Director of Education	Chairman
2	Director of Research	Member
3	Director of Extension	Member
4	Registrar	Member
5	Dean Student Welfare	Member
6	Dean, KRCCH, Arabhavi	Member
7	Dean, COH, Bidar	Member
8	Dean, COH, Bagalkot	Member
9	Dean, COH, Kolar	Member
10	Dean, COH, Mysore	Member
11	Dean, COH, Sirsi	Member
12	Dean, COH, Koppal (Munirabad)	Member
13	Dean, COH, Bengaluru	Member
<b>University Heads of Department of UHS, Bagalkot</b>		
14	Dr. Jagannath S. Dept. of Fruit Science, COH, Bengaluru	Member
15	Dr. H.B. Patil, Dept of Vegetable Science, Head, HRS, Tidagundi	Member
16	Dr. B.S. Kulkarni, Dept of FLA, KRCCH, Arabhavi	Member
17	Dr. T.R. Guruprasad, Dept of PSMAC, ADRE, RHREC, Bengaluru	Member
18	Dr. B.G. Prakash, Dept of BCI, COH, Mysore	Member
19	Dr. Thammaiah N, Dept of Plant Pathology, KRCCH, Arabhavi	Member
20	Dr. Prasad Kumar, Dept of Entomology, COH, Mysore	Member
21	Dr. Srinivas K.N., Dept. of Post of Harvest Technology, COH, Bengaluru	Member
22	Dr. T. B Basavaraju, Dept of Natural Resource Management, HRS, Arasikere	Member
<b>Post-Graduate Teachers in the Cadre of Professor</b>		
23	Dr. Laxminarayan Hegde, Professor of Medicinal and Aromatic Plants, HRS, Sirsi	Member
24	Dr. Chaya P Patil, Professor of Agril Microbiology, KRCCH, Arabhavi	Member
25	Dr. M.G. Kerutagi, Professor of Agric Economics, KRCCH, Arabhavi	Member
26	Dr. Vishnuvardhana, Professor of Horticulture, HRS, Hassan	Member
27	Dr. C.N. Hanchinamani, Professor of Vegetable Science, COH, Bidar	Member
28	Dr. Shantappa T, Professor of Seed Science and Technology, COH, Sirsi	Member
29	Dr. S.L. Jagadeesh, Professor of PHT, COH, Bagalkot	Member
30	Dr. B. Fakrudin, Professor of BCI, COH, Bengaluru	Member
31	Dr. V. Devappa, Professor of Plant Pathology, COH, Bengaluru	Member
32	Dr. Venkateshalu, Professor of Agril. Entomology, COH, Bagalkot	Member
<b>Post-Graduate Teachers in the Cadre of Associate Professor</b>		
33	Dr. Ramachandr Naik, Associate Professor of PHT, AICRP on Potato, Kumbapur	Member

34	Dr. (Smt) B.C. Patil, Associate Professor of AICRP on Vegetable, Kumbapur	Member
35	Dr. C.B. Koujalagi, Associate Professor of Agril. Economics, COH, Bagalkot	Member
36	Dr. M.L. Chavan, Associate Professor of CPH, KRCCH, Arabhavi	Member
37	Mr. A.M. Shirol, Associate Professor of FLA, AICRP(TF), KRCCH, Arabhavi	Member
38	Dr. M Prashant, Associate Professor of GPB, HRS, Arsikere	Member
39	Dr. A.B. Mastiholi, Associate Professor of Natural Resource Management, KRCCH, Arabhavi	Member
40	Mr. K. Thulsiram, Associate Professor of Agril. Extension, KVK, Kolar	Member
41	Mr. V. D. Gasti, Associate Professor of Vegetable Science, KRCCH, Arabhavi	Member
42	Dr. V. M Ganigera, Associate Professor of Vegetable Science, COH, Bagalkot	Member
<b>Post-Graduate Teachers in the Cadre of Assistant Professor</b>		
43	Dr. P.M. Munikrishnappa, Assistant Professor of FLA, COH, Bengaluru	Member
44	Dr. H. Amaranajundeswara, Assistant Professor of Vegetable Science, COH, Kolar	Member
45	Dr. Krishna H C, Assistant Professor of PHT, COH, Bengaluru	Member
46	Dr. R.K. Ramachandra, Assistant Professor of GPB, COH, Kolar	Member
47	Dr. B. Anjaneya Reddy, Assistant Professor of Plant Pathology, COH, Kolar	Member
48	Mr. Anand G Patil, Assistant Professor of Agronomy, COH, Bidar	Member
49	Dr. Suma R, Assistant Professor of SSAC, COH, Bagalkot	Member
50	Dr. Gurumurthy S.B. Assistant Professor of Agril. Microbiology, COH, Sirsi	Member
51	Mr. H.P. Hadimani, Assistant Professor of Vegetable Science, COH, Bagalkot	Member
52	Mr. Basappa Kamble, Assistant Professor of FLA, KRCCH, Arabhavi	Member
<b>Two professors of eminence from outside the University</b>		
53	Dr. Lakshminarayana Reddy, Dean of PG Studies, Dr. Y.S.R Horticultural University, Venkataramanagudem, West Godavari Dist - 534101 Phone: 07382633639 dpg@drysru.edu.in	Member
54	Dr. M. Chinnadorai, Director (I/C) Centre for Agricultural and Rural Development Studies, TNAU, Coimbatore. directorcards@tnau.ac.in	Member
55	Dean (Post Graduate Studies)	Member Secretary

### 1.9 Board of Studies – Graduate

1.	The Director of Education, UHS, Bagalkot	Chairman
2.	The Director of Research, UHS, Bagalkot	Member
3.	The Director of Extension, UHS, Bagalkot	Member
4.	The Registrar, UHS, Bagalkot	Member
5.	The Dean of Student Welfare, UHS, Bagalkot	Member
6.	The Dean, Post Graduate Studies, UHS, Bagalkot	Member
7.	The Dean, KRCCH, Arabhavi	Member
8.	The Dean, COH, Bidar	Member
9.	The Dean, COH, Bagalkot	Member
10.	The Dean, COH, Kolar	Member
11.	The Dean, COH, Mysore	Member
12.	The Dean, COH, Sirsi	Member
13.	The Dean, COH, Koppal (Munirabad)	Member
14.	The Dean, COH, Bangalore	Member
<b>University Heads of Department of UHS, Bagalkot</b>		
15.	Dr. Jaganath S., Prof. & Head, Dept. of Fruit Science, COH, Bangalore	Member

16.	Dr. T. R. Guruprasad, ADRE, RHREC, Bengaluru	Member
17.	Dr. H.B. Patil, Prof. & Head, HREC, Bijapur	Member
18.	Dr. K.N. Sreenivas, Prof. & Head, Dept. of FLA, KRCCH, Arabhavi	Member
19.	Dr. B.S. Kulkarni, Prof. & Head, Dept. of FLA, KRCCH, Arabhavi	Member
20.	Dr. B. G. Prakash, Prof. & Head, Dept. of CIB, COH, Mysore	Member
21.	Dr. Basavaraju T.B., Prof. & Head, HREC, Arasikere	Member
22.	Dr. Thammaiah, Prof. & Head, AICRP (Fruits), KRCCH, Arabhavi	Member
23.	Dr. Prasad Kumar, Prof. & Head, COH, Mysore	Member
24.	Dr. M.G. Kerutagi, Prof., KRCCH, Arabhavi	Member
<b>Professor from each Department of the University other than the Head of the Department</b>		
25.	Dr. T. B. Allolli, Professor, RHREC, Kumbapur, Dharwad	Member
26.	Dr. S.L. Jagadeesh, Professor, COH, Bagalkot	Member
27.	Dr. R.K. Mesta, Professor, COH, Bagalkot	Member
28.	Dr. Fakruddin B., Professor, COH, Bangalore	Member
29.	Dr. D.R. Patil, Professor, ADR, Bagalkot	Member
30.	Dr. (MS). Chaya Patil, Professor, KRCCH, Arabhavi	Member
31.	Dr. C.N. Hanchinamani, Professor, COH, Bidar	Member
32.	Dr. S.V. Patil, Professor, COH, Sirsi	Member
33.	Dr. M. Shivanna, Professor, COH, Kolar	Member
34.	Dr. Venkateshlu, Professor, COH, Bagalkot	Member
<b>Teachers in the cadre of Associate Professor</b>		
35.	Mr. R.B. Naik, Assoc. Professor, Agril. Statistics, KRCCH, Arabhavi	Member
36.	Dr. E. Rajashekhar, Assoc. Professor, Agril. Microbiology, COH, Bagalkot	Member
37.	Dr. M.H. Tatagar, Assoc. Professor, Agril. Entomology, HRS, Devihosur, Haveri District	Member
38.	Dr. Aravind Rathod, Assoc. Professor, Agril. Engineering, UHS, Bagalkot	Member
39.	Dr. (MS). B.C. Patil, Assoc. Professor, FLA, AICRP on Veg. Dharwad	Member
<b>Teachers in the cadre of Assistant Professor</b>		
40.	Dr. Vijayalaxmi P., Assistant Professor, COH, Bidar	Member
41.	Dr. Rudresh, Asst. Professor, COH, Bagalkot	Member
42.	Dr. Shashidar K.R., KVK, Kolar	Member
43.	Mr. Yatindra, H.A., Asst. Professor, COH, Mysore	Member
44.	Dr. Shivanand Hongal, Asst. Professor, COH, Sirsi	Member
<b>Two Professor of eminence from Horticulture outside the University</b>		
45.	Dr. T.S. Aghora, Principal Scientist, Division of Vegetable Crops, IIHR, Bangalore	Member
46.	Dr. P.R. Dharmatti, Professor of Horticulture, College of Agriculture, Dharwad	Member
<b>One Dean to be nominated by the Hon'ble Vice- Chancellor</b>		
47.	The Dean, COH, Bagalkot	Member Convener

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## 2 TEACHING / EDUCATION

### INTRODUCTION

The growth of the University over the last six years has been phenomenal. Presently, University is having 8 teaching campuses and 12 research stations. Over the years, attempts have been made to diversify horticultural education by starting specialized postgraduate degree programmes in various branches of horticultural sciences. Presently the University offers Bachelor's degree in horticulture and Master Degree Programmes in 9 disciplines viz; Fruit Science, Vegetable Science, Floriculture & Landscape Architecture, Plantation, Spices, Medicinal & Aromatic Crops, Post Harvest Technology, Biotechnology & Crop Improvement, Horticulture Entomology, Horticulture Pathology, Soil Science & Agricultural Chemistry and Doctoral Degree Programme in Horticulture, Plant Pathology, Entomology and Biotechnology & Crop Improvement. The graduate and postgraduate programmes offered under different faculties at the constituent colleges of the University.

### 2. ADMISSION TO ACADEMIC PROGRAMMES

Admission process for the graduate degree programme begins in the month of May/June of every academic year with an announcement in leading newspaper through Common Entrance Test conducted by Karnataka Examination Authority and the regular classes commences in the month of July - August. The admission for post graduate degree programme begins in the month of June - July and the classes begin in the month of July - August.

#### 1. Graduate degree programme:

The University offers graduate degree programme in Horticultural Sciences. This programme is of four years duration and offered at eight constituent colleges of the university.

**Table 1: Student Enrollment for Graduate Degree Programme During the Year 2014-15**

College	Academic year								Total	
	1		2		3		4			
	M	F	M	F	M	F	M	F	M	F
COH, Bagalkot	27	30	37	27	32	33	33	26	129	116
KRCCH, Arabhavi	35	23	37	22	34	35	30	39	136	119
COH, Bidar	34	27	42	19	44	29	36	14	156	89
COH, Mysore	18	38	28	33	23	22	23	18	92	111
COH, Kolar	33	26	25	36	31	39	34	23	123	124
COH, Koppal	36	25	32	28	13	33	22	13	103	99
COH, Sirsi	27	35	28	32	20	25	18	19	93	111
COH, Bangalore	10	19	-	-	-	-	-	-	10	19
Total	220	223	229	197	197	216	196	152	842	788



### **Eligibility for Admission to Graduate Degree Programme:**

- A pass in two year PUC / Equivalent examination with PCB / Horticulture. Weightage is given to the children of Agriculturists/Horticulturists (23.8%).
- Admission will be made on merit as per the approved matrix. Reservation of seats are ensured for SC / ST / Cat-I and other backward class groups including Defense / Ex-servicemen / Freedom Fighter as prescribed by the State Government from time to time.
- Admission is made through Common Entrance Test (CET) conducted by Karnataka Examination Authority (KEA), Bangalore.
- Enough provisions are also made for admission to the candidates from outside Karnataka through a competitive examination conducted by the ICAR, New Delhi.
- Foreign Nationals are also eligible to seek admissions and they should seek admission through ICAR, New Delhi.

### **Mode of Admission for Graduate Degree Programme**

Admission for the seats as per the reservation shall be made strictly according to the merit, which shall be determined as under:

- ❖ Percentage of marks secured in PUC second year of the Karnataka Pre-University examination or its equivalent.
- ❖ The vertical reservation is made for Scheduled Caste, Scheduled Tribes and Category-I, IIA, IIB, IIIA & IIIB.
- ❖ The Horizontal reservation is made as per the provisions of Govt. of Karnataka Act for Horticulturists/ Agriculturists or children/ ward of Agriculturists, Rural Candidates, Kannada Medium Candidates, NCC /Sports/Scouts & Guides, Anglo Indians, Children of Defense Personnel and Ex-Servicemen.

### **Reservation and Practical Test for Horticulturists / Agriculturists / Agricultural Laborers**

- ❖ As per the provisions of the University Act, 23.8 percent of the seats are reserved for the candidates belonging to Horticulturists/ Agriculturists / Agricultural labourer and children of Horticulturists/ Agriculturists / Agricultural labourers. They need to undergo a practical test conducted by the University.

### **Reservation for the Students from Rural Background**

- ❖ The courses offered at UHS, Bagalkot is for the benefit of the rural community and for the development of the rural oriented programmes. Therefore seats are reserved horizontally in

favour of rural candidates who have studied from 1<sup>st</sup> to 10<sup>th</sup>, standard (inclusive) in rural area schools in Karnataka, as evidenced by certificate(s) issued from the competent authority.

### 2.1.1 Under Graduate students admitted during the academic year 2014-15

The University conducts the B.Sc. (Hort.) graduate degree programme in the following eight constituent colleges and the total intake was 443 students during the year.

Sl. No	Name of the College	Annual Intake of Students		Candidates admitted During the Academic Year 2014-15		Total Strength (From 1 <sup>st</sup> to 4 <sup>th</sup> year)		
		University	ICAR (15%)	University	Students Admitted Under ICAR Quota	Boys	Girls	Total
1	KRCCH, Arabhavi	55	9	58	0	129	116	245
2	COH, Bidar	55	8	61	0	136	119	255
3	COH, Bagalkot	55	8	53	4	156	89	245
4	COH, Kolar	55	8	58	1	92	111	203
5	COH, Mysore	55	9	51	5	123	124	247
6	COH, Sirsi	55	8	62	0	103	99	202
7	COH, Munirabad (Koppal)	55	8	61	0	93	111	204
	COH, Bengaluru	26	4	25	4	10	19	29
	<b>Total</b>	<b>411</b>	<b>62</b>	<b>429</b>	<b>14</b>	<b>842</b>	<b>788</b>	<b>1630</b>

### 2.1.2 Number of students completed graduate degree programme during 2014-15

Sl. No	Name of the college	Nos.		Total
		Male	Female	
1	KRCCH, Arabhavi	26	40	66
2	COH, Bagalkot	28	28	56
3	COH, Bidar	36	15	51
4	COH, Kolar	29	24	53
5	COH, Mysore	22	18	40
6	COH, Sirsi	19	17	36
7	COH, Munirabad(Koppal)	20	13	33
	<b>TOTAL</b>	<b>180</b>	<b>155</b>	<b>335</b>

### 2.2. Postgraduate Degree Programmes

The Master's degree programmes are offered in 9 specialized areas and Doctoral degree in Horticulture, Plant Pathology, Entomology and Biotechnology & Crop Improvement. These are offered in five campuses of the University viz., COH Bagalkot, KRCCH Arabhavi, COH Bangalore, COH

Sirsi and COH Kolar. The residential requirements for Master's and Doctoral degree programme are 2 years and 3 years respectively.

**Table 2: Student Enrollment for Postgraduate Degree Programmes during the Year 2014-15.**

Disciplines	Academic year	Colleges										Total	
		COH, Bagalkot		KRCCH, Arabhavi		COH, Bangalore		COH, Sirsi		COH, Kolar			
		M	F	M	F	M	F	M	F	M	F	M	F
A. M. Sc. (Horticulture)													
Floriculture and Landscape Architecture	I	-	2	2	4	1	4	-	-	-	-	3	10
	II	-	-	1	4	2	3	-	-	-	-	3	7
Plantation, Spices, Medicinal and Aromatic crops	I	2	-	4	2	7	0	3	1	-	-	16	3
	II	-	-	4	1	5	0	-	-	-	-	9	1
Vegetable Science	I	1	4	3	2	4	1	-	-	2	0	10	7
	II	4	2	5	1	3	2	-	-	-	-	12	5
Fruit Science	I	6	5	6	2	4	1	-	-	1	1	17	9
	II	3	2	2	4	4	2	-	-	-	-	9	8
Postharvest Technology	I	2	6	1	3	2	3	-	-	-	-	5	12
	II	-	4	2	1	3	2	-	-	-	-	5	7
Crop Improvement and Biotechnology	I	4	2	2	2	4	1	-	-	-	-	10	5
	II	-	-	3	1	2	2	-	-	-	-	5	3
Horticultural Pathology	I	4	0	2	1	4	0	-	-	-	-	10	1
	II	4	0	-	-	4	1	-	-	-	-	8	1
Horticultural Entomology	I	3	1	1	2	3	2	-	-	-	-	7	5
	II	3	2	-	-	-	-	-	-	-	-	3	2
Soil Science and Agri. Chemistry	I	2	2	-	-	1	1	-	-	-	-	3	3
	II	1	3	-	-	-	-	-	-	-	-	1	3
Total	I	24	22	21	18	30	13	3	1	3	1	81	55
	II	15	13	17	12	23	12	-	-	-	-	55	37
B. Doctor of Philosophy													
Horticulture	I	5	1	7	2	7	4	-	-	-	-	19	7
	II	4	1	3	2	4	3	-	-	-	-	11	6
	III	-	-	9	1	5	6	-	-	-	-	14	7
Plant Pathology	I	0	2	-	-	-	-	-	-	-	-	0	2
	II	-	-	-	-	-	-	-	-	-	-	-	-
	III	-	-	-	-	-	-	-	-	-	-	-	-
Entomology	I	1	2	-	-	-	-	-	-	-	-	1	2
	II	-	-	-	-	-	-	-	-	-	-	-	-
	III	-	-	-	-	-	-	-	-	-	-	-	-
Biotechnology and Crop Improvement	I	-	2	-	-	2	1	-	-	-	-	2	3
	II	-	-	-	-	-	-	-	-	-	-	-	-
	III	-	-	-	-	-	-	-	-	-	-	-	-
Total	I	6	7	7	2	9	5	-	-	-	-	22	14
	II	4	1	3	2	4	3	-	-	-	-	11	6
	III	-	-	9	1	5	6	-	-	-	-	14	7

### Eligibility for Admission to Postgraduate Degree Programmes

- A candidate seeking admission to Ph.D. programme should have completed Master's degree from recognized Horticultural /Agricultural University / ICAR recognized Deemed University in M.Sc. Horticulture/M.Sc. (Agri.) in Horticulture with a CGPA of 2.75 / 4.00 or OGPA of 7.00 /

10.00 or its equivalent. In case of candidates belonging to SC / ST / Cat-I, the CGPA of 2.25 / 4.00 or OGPA of 6.50 / 10.00 or its equivalent.

- A candidate seeking admission to Master's degree programme, should possess eligible Bachelor's degree in Horticulture / Agriculture or its equivalent qualification from recognized Horticultural / Agricultural University / ICAR recognized Deemed University with a minimum CGPA of 2.25 / 4.00 or OGPA of 6.50 / 10.00 or its equivalent. In case of candidates belonging to SC / ST / Cat-I, the CGPA of 2.00 / 4.00 or OGPA of 6.00 / 10.00 or its equivalent.

### Mode of Admission for Postgraduate Degree Programmes

Admission for the seats as per the reservation shall be made in accordance with merit as determined by the P.G. Admission Committee, the relative merit being determined as follows:

#### a) Doctoral Degree Programme:

Sl.NO	Particulars	Max. Marks
1	Weightage to the extent of 50% marks in Masters Degree	50
2	Weightage to the extent of 45% marks obtained in Entrance Test	45
3	<p>A. Weightage to the extent of 5% marks for qualifying in ICAR or CSIR fellowship examination (with fellowship)</p> <p style="text-align: center;"><b>OR</b></p> <p>B. Weightage to the extent of 5% marks for OGPA</p> <p style="padding-left: 40px;">i) OGPA of 9.00 to 9.25 or equivalent - 1.00 Mark</p> <p style="padding-left: 40px;">ii) OGPA of 9.26 to 9.50 or equivalent - 2.00 Marks</p> <p style="padding-left: 40px;">iii) OGPA of 9.51 to 9.70 or equivalent - 3.00 Marks</p> <p style="padding-left: 40px;">iv) OGPA of 9.71 to 9.85 or equivalent - 4.00 Marks</p> <p style="padding-left: 40px;">v) OGPA of 9.86 and above or equivalent - 5.00 Marks</p> <p style="text-align: center;"><b>OR</b></p> <p>C. Weightage to the extent of 5% marks for Sports / Games/ NSS/ NCC/ Literary / Fine Art/ Cultural activities - 5.00 Marks</p> <p><b>OR</b></p> <p>D. Weightage to the extent of 5% marks for Publications in the journals with impact factor &gt;0.5/ H-index &gt;6/ NAAS rating of 4 and above for the first 2 Authors of the publication only - 5.00 Marks</p> <p><b>(Maximum of 5 marks)</b></p>	05
	<b>Total</b>	<b>100</b>



**b) Master's Degree Programme**

Sl.NO	Particulars	Max. Marks
1	Weightage to the extent of 50% marks in Bachelors Degree	50
2	Weightage to the extent of 45% marks obtained in Entrance Test	45
3	<p>A. Weightage to the extent of 5% marks for qualifying in ICAR or CSIR fellowship examination</p> <p>i. JRF with fellowship -5.00 Marks</p> <p>ii. JRF without fellowship -2.00 Marks</p> <p style="text-align: center;"><b>OR</b></p> <p>B. Weightage to the extent of 5% marks for OGPA</p> <p>i) OGPA of 8.50 to 8.75 or equivalent -1.00 marks</p> <p>ii) OGPA of 8.76 to 9.00 or equivalent -2.00 marks</p> <p>iii) OGPA of 9.01 to 9.25 or equivalent -3.00 marks</p> <p>iv) OGPA of 9.26 to 9.50 or equivalent -4.00 marks</p> <p>v) OGPA of 9.51 and above or equivalent -5.00 marks</p> <p style="text-align: center;"><b>OR</b></p> <p>C. Weightage to the extent of 5% marks for Sports / Games/ NSS/ NCC/ Literary / Fine Art/ Cultural activities -5.00 marks</p> <p style="text-align: center;"><b>(Maximum of 5 marks)</b></p>	05
	<b>Total</b>	<b>100</b>

**Note:**

1. To be eligible for admission to the postgraduate degree programme, a candidate should secure a minimum of 45% of marks from out of the above criteria. In case of candidates belonging to Scheduled Caste/ Scheduled Tribe/ Category –I, a minimum of 40% of marks is required.
2. The sports & games/cultural/fine arts/literacy events recognized by the Association of Indian Universities (AIU) New Delhi shall only be considered.
3. The weightage shall be considered only for 'representation' during the qualifying degree programme for admission.
4. Candidate qualified in ICAR (JRF/ SRF) / UGC / DBT exam with fellowship or without fellowship shall apply for entrance examination.

### 2.2.1 Students admitted to Masters Degree Programme during the academic year 2014-15

Sl. No	Subject	University Intake					Total Intake Capacity		Candidates admitted during 2014-15		Total Strength (I & II Year)		
		KRCCH, Arabhavi	COH, Bengaluru	COH, Bagalkot	COH, Kolar	COH, Sirsi	University	ICAR (25%)	University	ICAR (25%)	M	F	Total
1	Floriculture and Landscape Architecture	4	4	2	0		10	2	13	3	7	16	23
2	Plantation, Spices, Medicinal and Aromatic Crops	4	4	2	0	4	14	4	19	4	25	4	29
3	Vegetable Science	4	4	4	2		14	3	17	3	21	13	34
4	Fruit Science	4	4	8	2		18	5	26	6	26	17	43
5	Postharvest Technology	4	4	6	0		14	4	18	4	11	19	30
6	Crop Improvement and Biotechnology	4	4	4	0		12	3	15	3	15	8	23
7	Plant Pathology	3	4	4	0		11	3	11	0	18	2	20
8	Entomology	2	4	4	0		10	2	11	1	9	7	16
9	Soil Science and Agri. Chemistry	0	2	4	0		6	1	6	0	4	6	10
<b>Total</b>		<b>29</b>	<b>34</b>	<b>38</b>	<b>4</b>	<b>4</b>	<b>109</b>	<b>27</b>	<b>136</b>	<b>24</b>	<b>136</b>	<b>92</b>	<b>228</b>

### 2.2.2 Number of students completed PG degree programme during 2014-15

Sl. No.	Department	Nos.		Total
		Male	Female	
1	Fruit Science	14	6	20
2	Vegetable Science	14	6	20
3	Floriculture & Landscape Architecture	6	6	12
4	Post Harvest Technology	2	4	6
5	Plantation, Spices, Medicinal and Aromatic Crops	8	3	11
6	Crop improvement & Biotechnology	3	0	3
7	Horticultural Entomology	2	1	3
8	Plant Pathology	6	2	8
9	Soil Science and Agricultural Chemistry	3	3	6
<b>Total</b>		<b>58</b>	<b>31</b>	<b>89</b>

### 2.2.3 Students strength in Ph.D degree programme during the academic year 2014-15

Sl. No	Name of the PG Disciplines	Name of the Campus and intake (Nos.)			Candidates admitted during 2014-15	Total Strength (I, II & III Year)		
		KRCCH, Arabhavi	PG Centre, Bengaluru	COH, Bagalkot		Male	Female	Total
1	Ph.D. in Horticulture	10	10	6	26	49	18	67
2	PH.D. in Entomology	0	0	2	3	1	2	3
3	Ph.D in Plant Pathology	0	0	2	2		2	2
4	Ph.D in Biotechnology & Crop Improvement	0	2	2	5	2	3	5
<b>Total</b>		<b>10</b>	<b>12</b>	<b>12</b>	<b>36</b>	<b>52</b>	<b>25</b>	<b>77</b>

### 2.2.4. Number of students completed doctoral degree programme during 2014-15

Sl.No	Department	Nos.		Total
		Male	Female	
1	Horticulture	4	1	5

## 2.3. NON-DEGREE PROGRAMMES

During the Academic Year 2014-15 University continued two year diploma course in Horticulture and 25 students are admitted each at College of Horticulture, Bagalkot and Bangalore.

Similarly one year Post Graduate Diploma Programme in Viticulture and Oenology started at College of Horticulture, Bagalkot and 15 students have been admitted to the programme.

### 2.3.1 Students' details of students studying in Diploma and PG Diploma

Sl.No	Name of the College	Name of the Course	Student Strenght			
			Male	Female	Total	
2014-15						
1	COH, Bagalkot	2 Years Diploma	22	2	24	
2	PG Centre, Bangalore	2 Years Diploma	18	6	24	
Total			40	8	48	
2014-15						
1	COH, Bagalkot	2 Years Diploma	21	4	25	
2	PG Centre, Bangalore	2 Years Diploma	17	8	25	
Total			38	12	50	
Students Strength of PG Diploma in Viticulture & Oenology (One Year) during 2014-15						
Sl. No	Name of the College	Intake Nos.	Name of the Course	Student Strenght		
				Male	Female	Total
1	COH, Bagalkot	15	1 Years PG Diploma	5	10	15
Total				5	10	15

## 2.4 Fourth Convocation

The Fourth Convocation of the University was held on 22<sup>nd</sup> January 2015. During the convocation, 282 students of B.Sc. (Hort.), 86 students of M.Sc. (Hort.) and 2 students of Ph.D. were conferred with degree. The students who had secured highest grade points were awarded with gold medals. In all, 57 gold medals were awarded to the eligible candidates.

### Details of students awarded with Gold Medal in B.Sc.(Hort.) degree programme

Sl No	Name	No. Gold Medals	Department	College Name
1	Neeraja Puthiamadom	15	Heights OGPA in graduate degree programme	COH, Mysore
2	Asha Hamsabhavi	04	Heights OGPA in graduate degree programme	KRCCH, Arabhavi
3	Roopini Ga Reddy	04	Heights OGPA in graduate degree programme	COH, Kolar
4	Mahantagouda G Rajolli	03	Heights OGPA in graduate degree programme	COH, Bidar
5	Heena Kouser	02	Heights OGPA in graduate degree programme	COH, Koppal (Munirabad)
6	Pruthvi Parameshwar Hegde	02	Heights OGPA in graduate degree programme	COH, Sirsi
7	Varun Mallaiah Hiremath	02	Heights OGPA in graduate degree programme	COH, Bagalkot
8	Swetha M J	01	Heights OGPA in graduate degree programme	COH, Bidar
9	Rajeev Ranjan (In-Absentia)	02	Heights OGPA in graduate degree programme	COH, Bidar

**Details of students awarded with Gold Medal in M.Sc.(Hort.) degree programme**

SI No	Name	No. Gold Medals	Department
1	Km. Shivangi Arvind	5	Fruit Science
2	Asha K M	3	Floriculture and Landscape Architecture.
3	Bharathkumar M V	3	Vegetable Science
4	Reshmika. P. K.	3	Vegetable Science
5	Netravati	2	Post Harvest Technology
6	Shivanand Babu Koppad	2	Crop Improvement and Biotechnology
7	Ajithkumar S	1	Plantation Spices, Medicinal and Aromatic Crops.
8	Kasturi Manasa	1	Entomology
9	Miss Rani R. Unnithan	1	Horticulture Pathology
10	Rahul Phatak (Academic Year 2012-13)	1	Plantation Spices, Medicinal and Aromatic Crops.

**2.5 ICAR Fellowship****2.5.1 The Students who secured ICAR (JRF) Fellowship during the Academic Year 2014-15 for PG Studies**

SI No	Name of the Student	Rank No
<b>KITTUR RANI CHANNAMMA COLLEGE OF HORTICULTURE, ARABHAVI</b>		
1	JNANENDRA M	60(5 SC)
2	SUPARNA NAYAK	99(3ST)
<b>COLLEGE OF HORTICULTURE, KOLAR</b>		
3	SHRAVAN P	07
4	ABHILASH	17
<b>COLLEGE OF HORTICULTURE, BAGALKOT</b>		
5	LAXMAN LAKKAPPA NANDI	22(ST 1)
6	PRASHANT KALAL	83(1PC)
7	PARASHURAM MELAVANKI	18
8	SACHIN A J	34
<b>COLLEGE OF HORTICULTURE, SIRSI</b>		
9	VINAY N.D.	5
<b>COLLEGE OF HORTICULTURE, MYSORE</b>		
10	KIRAN KUMAR G N	-

**2.5.2 The number of students who secured Non- JRF fellowship during the academic year 2014-15 for PG studies**

SI. No.	Name of the College	No. of Students secured Non -JRF
1	KRCCH, Arabhavi	43
2	COH, Bidar	18
3	COH, Bengaluru	-
4	COH, Bagalkot	32
5	COH, Kolar	19
6	COH, Mysore	18
7	COH, Munirabad (Koppal)	15
8	COH, Sirsi	24
<b>TOTAL</b>		<b>169</b>



### 3. STUDENTS ACTIVITIES

#### I. Cultural activities :

The students of all eight colleges have been taking part in cultural programmes very actively and were able to win the competitions at the national level. To encourage the hidden talents of students the cultural activities competitions are held during the annual day celebrations which will form the base for selecting the team for inter collegiate youth festival and later to intervarsity youth festival. The encouragement given by all the Deans and staff members has to be tremendous.

The colleges celebrate their annual college day and hostel day, the details of which are as follows.

Sl. No.	Name of the college	Date of organization	Chief guests
1	COH, Bagalkot	15.05.2015	Sri. Siddappa Bidari, singer and poet (folk songs)
2	KRCCH, Arabhavi	18.04.2015	Smt. Anuradha, AIR, Dharwad, Dr. Y.K. Kotikal, DSW, UHS, Bagalkot Sri. B.K. Prasannakumar, Asst. Commissioner (IT), Belgaum
3	COH, Mysore	07.04.2015	Dr. H.V. Bhatra, Director, DFRL, Mysore
4	COH, Bengaluru	15.05.2015	Dr. K.N. Ganeshaiah, DoE, UAS, Bengaluru
5	COH, Kolar	13.04.2015	Dr. T.V. Muniyappa, Member, BOM, UHS, Bagalkot
6	COH, Munirabad	15.04.2015	Sri. D.D. Malagi, DYSP, Hospet
7	COH, Sirsi	18.04.2015	Sri. Subraya Hegde, Kannada Writer, Sri. R.L. Ganapti, CPI, Sirsi
8	COH, Bidar	07.04.2015	Sri. Prabhu Surin, Police Dept., Dr. M.B. Madalageri, Registrar, UHS, Bagalkot Dr. J. Venkatesh, Director of Research, UHS, Baglakot

#### The Inter Collegiate Youth Festival – 2014-15:

The sixth inter collegiate youth festival of the UHS, Bagalkot was held at COH, Sirsi from 02.01.2015 to 04.01.2015. it was very well organized by the Dean, COH, Sirsi in co-ordination with the Dean, Students Welfare. All the eight college teams participated in all the events conducted. The overall champions were host COH, Sirsi with 62 points and COH, Bagalkot won the runner up position with 57 points.

#### ➤ The event-wise results of inter collegiate youth festival

Sl. No.	Name of the college	Events																	
		Light vocal (Indian)	Group song (Indian)	Patriotic song (Indian)	Group dance (Folk)	One act play	Skit	Mime	Mono acting	Quiz	Elocution	Debate	Extempore speech	On the spot painting	Collage	Poster making	Clay modeling	Cartooning	Rangoli
1	COH, Arabhavi	IV	-	-	-	-	IV	-	-	I	II	-	-	-	III	I	III	IV	II
2	COH, Bidar	-	II	I	-	III	-	III	I	-	-	-	III	II	-	II	-	I	IV
3	COH, Bagalkot	II	I	II	-	-	II	-	IV	III	III	I	-	I	-	III	-	III	-
4	COH, Kolar	I	IV	IV	II	IV	-	I	-	-	IV	IV	-	IV	IV	-	II	-	-
5	COH, Bengaluru	-	-	-	III	-	III	IV	-	II	-	-	-	-	-	-	-	-	I
6	COH, Munirabad	-	-	-	-	-	-	-	-	-	-	-	II	-	II	-	-	-	III
7	COH, Sirsi	-	-	III	I	II	I	-	III	IV	I	III	IV	-	I	IV	I	-	-
8	COH, Mysore	III	III	-	IV	I	-	II	II	-	III	II	I	III	-	-	IV	II	-

## ➤ The college wise score card of all the events at inter collegiate youth festival

Sl. No	Name of the college	Events																			
		Light vocal (Indian)	Group song (Indian)	Patriotic song (Indian)	Group dance (Folk)	One act play	Skit	Mime	Mono acting	Quiz	Elocution	Debate	Extempore speech	On the spot painting	Collage	Poster making	Clay modeling	Cartooning	Rangoli	Total points	Place
1	COH, Arabhavi	1	-	-	-	-	3	-	-	9	5	-	-	-	3	7	3	1	5	37	VI
2	COH, Bidar	-	7	9	-	5	-	5	7	-	-	-	3	5	-	5	-	7	1	54	IV
3	COH, Bagalkot	5	9	7	-	-	7	-	1	5	3	7	-	7	-	3	-	3	-	57	II
4	COH, Kolar	7	3	3	7	3	-	9	-	-	1	1	-	1	1	-	5	-	-	41	V
5	COH, Bengaluru	-	-	-	5	-	5	3	-	7	-	-	-	-	-	-	-	-	7	27	VII
6	COH, Munirabad	-	-	-	-	-	-	-	-	-	-	-	5	-	5	-	-	-	3	13	VIII
7	COH, Sirsi	-	-	5	9	7	9	-	3	3	7	3	1	-	7	1	7	-	-	62	I
8	COH, Mysore	3	5	-	3	9	-	7	5	-	3	5	7	3	-	-	1	5	-	56	III

**Inter Agri. University Youth Festival – 2014-15:**

The team of UHS, Bagalkot participated in the 15<sup>th</sup> All India Inter Agri. University Youth Festival held at Karnal (Haryana). The team selection, managers' selection and selection of accompanists was done by the Dean, Students Welfare (Dr. Y.K. Kotikal) with help of other deans and managers. The team representing the 15<sup>th</sup> AIIAU Youth Festival is as follows.

**Participants of AIIAU Youth Festival 2014-15:**

Sl. No	Name of the student	College	No. of Events
1	Mr. Saikiran A.	Kolar	01
2	Miss Vidya J. Bhat	Sirsi	02
3	Miss Chaitra H.P.	Sirsi	04
4	Miss Sushmitha S.J.	Bagalkot	02
5	Miss Pooja R.B.	Sirsi	03
6	Miss Manasa Rani T.	Bagalkot	03
7	Miss Apoorva G.	Bagalkot	03
8	Miss Seema G. Hegde	Sirsi	02
9	Miss Pranjali D.P. Gowda	Sirsi	04
10	Miss Sahana P.	Mysore	03
11	Mr. Nithin Kumar K.R.	Mysore	03
12	Mr. Kiran H.A.	Mysore	03
13	Mr. Mahesh K.N.	Bagalkot	04
14	Mr. Ravikiran A.R.	Bagalkot	02
15	Mr. Satish S.B.	Bidar	02
16	Mr. Sudarshan S.Chouka	Bidar	02
17	Mr. Varun N.	Mysore	03
18	Mr. Srinivas N.B.	Sirsi	03
19	Mr. Shivanand A.	Bidar	03
20	Mr. Bharamappa J.B.	Sirsi	02
21	Mr. Prakash R.V.	Arabhavi	01
22	Mr. Sanjay R.	Arabhavi	01

The 15<sup>th</sup> AIIAU Youth Festival was hosted by the National Dairy Research Institute, Karnal (Haryana), from 18<sup>th</sup> to 21<sup>st</sup> March 2015. The team managers were Dr. Gangadhar Narabenchhi and Dr. T.N. Pushpa. Totally 61 universities participated and our university team got the second position in overall championship for successive second time. The details are as follows.

#### 15<sup>th</sup> All India Inter Agricultural Universities Youth Festival – 2014-15

Sl. No	Event	Position of UHS, Bagalkot
1	Poster Making	II Prize
2	Spot painting	II Prize
3	One act play	II Prize
4	Quiz	III Prize
5	Rangoli	III Prize
6	Group dance	III Prize

#### II. Sports and Games :

Students of UHS, Bagalkot are participating in sports and games with lot of interest. Every year participation in sports and games is increasing. The competitions were as well held for hostel day, annual day and sports day celebrations. UHS, Bagalkot has organized regularly inter collegiate sports and games meet. This year competitions were held at the College of Horticulture, Bengaluru in co-ordination with Directorate of Students Welfare, UHS, Baglakot.

The sixth inter collegiate sports and games meet included athletics, kabaddi, kho-kho, volley ball, shuttle badminton, foot ball, table tennis etc. The sports meet was organized from 31 December 2014 to 3<sup>rd</sup> January 2015 at GKVK Ground, Bengaluru. Dr. Lingaiah, Dean, COH, Bengaluru worked as a organizing Director and Dr. Sadananda worked as organizing secretary, under the overall supervision of the organization by Dr. Y.K. Kotikal, Dean, Students Welfare, UHS, Bagalkot. Dr. R.M. Hiremath, Asst. Prof. of PE helped in total organization and conducting competitions.

In this 6<sup>th</sup> inter collegiate sports & games meet Competitions College of Horticulture, Mysore bagged overall championship in men section by scoring 62 points and COH, Kolar overall championship in women section by scoring 56 points.

Individually, student of COH, Bengaluru Mr. Chirag Reddi bagged 10 points winning the individual champion.

In women section student of COH, Kolar, Miss Roopa V.R. bagged 10 points to become the individual champion. The event wise results are as follows.

**Results of 6<sup>th</sup> Inter Collegiate Athletics Sports & Games Meet – 2014-15 (Men)**

Sl. No.	Name of the Event	1 <sup>st</sup> Place	2 <sup>nd</sup> Place	3 <sup>rd</sup> Place
1	Kabaddi	COH, Sirsi	COH, Kolar	-
2	Volleyball	COH, Munirabad	COH, Kolar	-
3	Basketball	COH, Kolar	COH, Bengaluru	-
4	Kho Kho	COH, Munirabad	COH, Bidar	-
5	Shuttle Badminton	COH, Mysore	COH, Bengaluru	-
6	Table Tennis	KRCCH, Arabhavi	COH, Kolar	-
7	Football	KRCCH, Arabhavi	COH, Bidar	-
8	100 mtr Running	Lokesh K N COH, Bidar	Deekshith B C COH, Mysore	Arshand Kayum, COH, Bengaluru
9	200 mtr Running	Umesh Biradar COH, Kolar	Lokesh K N COH, Bidar	Veeresh COH, Mysore
10	400 mtr Running	Kiran M R, COH, Kolar	Gangaraj M M COH, Sirsi	Veeresh COH, Mysore
11	800 mtr Running	Nithin kumar K R COH, Mysore	Kiran M R COH, Kolar	Anand H. Kuduri KRCCH, Arabhavi
12	1500 mtr Running	Anand H. Kuduri KRCCH, Arabhavi	Nithin kumar K R COH, Mysore	Shivaprakash R COH, Kolar
13	Shot-put Throw	M Chiragreddy COH, Bengaluru	Vinay S KRCCH, Arabhavi	Sherjad Aptab COH, Kolar
14	Discus Throw	M Chiragreddy COH, Bengaluru	Punith P V COH, Kolar	Vinay S KRCCH, Arabhavi
15	Javelin Throw	Abhishek Jadav COH, Bagalkot	Panduranga COH, Bagalkot	Vakeela Rathod COH, Bidar
16	Long Jump	Humayuna COH, Bengaluru	Yogesh T S COH, Kolar	Anuragagouda COH, Munirabad
17	High Jump	Rakesh S H COH, Mysore	Punith P V COH, Kolar	Adarsh C J KRCCH, Arabhavi
18	Triple Jump	Deekshith B C COH, Mysore	Rakesh S H COH, Mysore	Humayuna COH, Bengaluru
19	4 x 100 mtr Relay	Nithin kumar K R Veeresh S Deekshith Abhishek COH, Mysore	Umesh Biradar Punith P V Udaya Kumar Umesh C COH, Kolar	Santosh S H Sagar A Naveenkumar H N Lokesh K N COH, Bidar

**Results of 6<sup>th</sup> Inter Collegiate Athletics Sports & Games Meet – 2014-15 (Women)**

Sl. No.	Name of the Event	1 <sup>st</sup> Place	2 <sup>nd</sup> Place	3 <sup>rd</sup> Place
1	Kabaddi	KRCCH, Arabhavi	COH, Munirabad	-
2	Volleyball	COH, Sirsi	KRCCH, Arabhavi	-
3	Kho Kho	-	-	-
4	Basketball	COH, Kolar	KRCCH, Arabhavi	-
5	Shuttle Badminton	KRCCH, Arabhavi	COH, Sirsi	-
6	Table Tennis	COH, Bidar	COH, Sirsi	-
7	100 mtr Running	Roopa V R COH, Kolar	C N Nidhi COH, Mysore	Chaitra P N COH, Bagalkot
8	200 mtr Running	Vidya Shree COH, Bidar	Akanksha M COH, Bengaluru	Anitha COH, Munirabad
9	400 mtr Running	Ranjitha S COH, Mysore	Chaitra P N COH, Bagalkot	Srinidhi G. Hegde COH, Sirsi
10	800 mtr Running	Ranjitha S COH, Mysore	Surekha P R COH, Bidar	Srinidhi G. Hegde COH, Sirsi
12	Shot-put Throw	Megha B Y KRCCH, Arabhavi	Manasa B E COH, Kolar	Vijayalaxmi C L COH, Kolar
13	Discus Throw	C N Nidhi COH, Mysore	Tanuja P C COH, Bidar	Nirmala S R COH, Sirsi
14	Javelin Throw	Manasa B E COH, Kolar	Megha B Y KRCCH, Arabhavi	Sujatha L P COH, Bidar
15	Long Jump	Roopa V R COH, Kolar	Vidyashree COH, Bidar	C N Nidhi COH, Mysore
16	High Jump	Roopa V R COH, Kolar	Vidyashree COH, Bidar	Navyashree M COH, Bengaluru
17	4 x 100 mtr Relay	C N Nidhi Neersomakka A N Nanditha Ranjitha COH, Mysore	Vidyashree Sushmitha Divyashree Sujatha COH, Bidar	Divya Jyothi Manasa Roopa COH, Kolar



### Inter-varsity Sports and Games Meet -2014-15

All India Inter Agri. University sports and games meet was not organized by ICAR during 2014-15.

### III. National Service Scheme :

NSS has been introduced in our University as compulsory course for second and third year B.Sc.(Hort) students and also Diploma students. It includes day to day activities, special camps and evaluation of volunteers. The selected volunteers also participated in the National Integration Camps, Republic Day parade and NSS youth festivals.

Sl. No.	Name of the college	Special camp	
		Date	Place
1	KRCCH, Arabhavi	23.03.2015 to 29.03.2015	Hiremunavalli Khanapur Tq, Belgaum
2	COH, Bagalkot	29.03.2015 to 04.04.2015	Siddarudha Math, Hubballi
3	COH, Bidar	30.03.2015 to 05.04.2015	Ashtur Village, Bidar
4	COH, Kolar	14.03.2015 to 20.03.2015	Sri. Varadha Balanjaneyya Temple, Hogalgere, Srinivasapur Tq, Kolar
5	COH, Munirabad	23.03.2015 to 30.03.2015	Valmiki Samudaya Bhavana, Kamalapur
6	COH, Mysore	19.03.2015 to 25.03.2015	Gangralachatra Village, Yalawala, Mysore
7	COH, Sirsi	23.03.2015 to 29.03.2015	Kolagi Village, Mundagoda Tq, Uthara Kannada

### Special Achievements in NSS:

The NSS units are functioning actively in all the constituent colleges of UHS, Bagalkot. Our NSS volunteers participated in various NIC, National parades, Youth Festival and brought laurels to the University.

Mr. Saikiran from COH, Kolar participated in national youth convention and seminar held at Guwahati, Assam from 08.01.2015 to 12.01.2015. the following student volunteers took part in the Republic Day parade camp and event.

Sl. No.	Name of volunteer	State/National camp RD	Date
1	Vishwanath A.S.	State Level	27.07.2015 to 02.08.2015
2	Mansa N.S.	State Level	27.07.2015 to 02.08.2015
3	Jasmitha B.G.	State Level	27.07.2015 to 02.08.2015
4	Umeshgouda Patil	National Level	01.01.2015 to 31.01.2015

The volunteers participated in National Integration Camp held at different places as follows:

Sl. No.	Volunteer	Place of camp	Date	Achievement
1	Sunil Gothade, COH, Kolar	Rani Channamma University, Belgaum	04.02.2015 to 10.02.2015	Poster making – 1 <sup>st</sup> place, Mime – 1 <sup>st</sup> place and Pencil sketh – 1 <sup>st</sup> place
2	Ranjitha Kulkarni, COH, Bagalkot	Rani Channamma University, Belgaum	04.02.2015 to 10.02.2015	Rangoli – 1 <sup>st</sup> place
3	Neethu T., COH, Munirabad	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	Group song and Poster making – 1 <sup>st</sup> place
4	Shilpa, COH, Bidar	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	Group song – 1 <sup>st</sup> place
5	Keerthi Shankar, COH, Mysore	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	Mime and Collage – 1 <sup>st</sup> palce
6	Keerthi, COH, Sirsi	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	Mime – 1 <sup>st</sup> place and Group song – 3 <sup>rd</sup> place
7	Mahesh Katagi, COH, Bidar	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-
8	Soumya V. Angadi, COH, Bidar	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-
9	Mallikarjun D. COH, Sirsi	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-
10	Mallikarjun H., KRCC, Arabhavi	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-
11	Nirmala P.R.	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-
12	Prameela K.Y.	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	-
13	Chethana M. Havaragi	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	-
14	Bharathi B.	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	-
15	Ashwini Lamani, COH, Bagalkot	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	-
16	Sunil Gondagam, COH, Bagalkot	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	-
17	Prashanth M., COH, Bagalkot	Karnataka University, Dharwad (Sogala)	14.02.2015 to 20.02.2015	-
18	Apoorva Palled, COH, Bagalkot	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-
19	Girish Mathad, COH, Bagalkot	Gulbarga University, Gulbarga	09.02.2015 to 15.02.2015	-

#### IV. Youth Red Cross :

There are eight Youth Red Cross units functioning in each of the colleges in the University and the blood donation camps were held.

#### V. Debate and Essay competitions :

The debate competition was organized on **“people are losing faith in principles and practices of the co-operation”** is sponsored by Karnataka State Co-operative Union on 24.11.2014. The following students won the competition.

1. Rahul Pathak, PG student, KRCCH, Arabhavi.
2. Abhishek Katagi, PG student, KRCCH, Arabhavi.
3. Pranjali Gowda, II<sup>nd</sup> B.Sc., COH, Sirsi.
4. Satish Rathod, II<sup>nd</sup> B.Sc., KRCCH, Arabhavi.

The above four students were selected to participate in the state level competition held at Karnataka Open University, Gangotri, Mysore and Miss Pranjali Gowda of University won the second prize in debate.

Miss Sujayashri O.J. of COH, Bengaluru represented the University in the essay competition conducted by ICAR on the occasion of National Agril. Science Academy Youth Festival and got the third place at National level and she was felicitated with a medal and certificate by Dr. Ayyappan, DG, ICAR, New Delhi.

#### VI. Student Amenities :

All the constituent colleges are having well equipped hostels for boys and girls separately. The strength in the different hostels of the university is as follows.

Sl. No.	Name of the college	Graduate		Post Graduate	
		Boys	Girls	Boys	Girls
1	COH, Arabhavi	109	108	68	37
2	COH, Bagalkot	116	110	25	10
3	COH, Bengaluru	-	-	50	28
4	COH, Bidar	145	84	-	-
5	COH, Kolar	117	108	-	-
6	COH, Munirabad	124	110	-	-
7	COH, Mysore	105	71	-	-
8	COH, Sirsi	118	112	-	-

All the hostels have been provided with mess and recreation facilities like Gymnastics, Table Tennis, Carom, Chess, Reading room (news papers & magazines) etc.

#### VII. Placement Cell:

To guide and help the graduated students in finding a suitable job, the placement cell is working at College and University level. Most of our students have been absorbed in one or other

job, in govt., non govt. and semi government organization. Some of the meritorious students have entered the ICAR system as scientists.

#### VIII. Alumni Association :

Each student after completing their degree programme will be enrolled as alumni of the respective college and these alumni associations of colleges were co-ordinated by the DSW at University level. This alumni association helps the graduated students to have link with the organization even after joining jobs at various places.

#### 4. LIBRARY

The University library and college libraries in the University play a vital role in strengthening Academic, Research and Extension mission of the University, facilitate as source base for creation and dissemination of knowledge. The range of services offered by the library is very useful for the patrons, besides this holding an excellent print collection of books, journals, theses, reports, pamphlets. Library also provides an access to e-books, e-journals and databases in Horticulture, Agriculture and Allied Sciences. The libraries continue to offer its services to students, teaching faculty and non teaching faculty of the University. The Library is the repository of the knowledge of the University, which facilitates the teaching, research and extension programmes. Both the faculty and students extensively use the facility. The University of Horticultural Sciences, Bagalkot has therefore given key prominence to the development of the library facilities at the headquarters as well as at the constituent colleges and research campuses. Books, periodicals, theses, reports, maps and encyclopedia relevant to the mandate areas of the university have been stocked in the University Main Library and its constituent colleges, with these initiatives, there is a genuine feeling that the University Library could further enhance its role in serving the needs of its users.

In the following sections, brief status reports of the University constituent college libraries are presented.

##### 4.1 COLLECTION OF DOCUMENTS: (Books and other resources)

		Arabhavi	Bagalkot	Bengaluru	Bidar	Kolar	Munirabad	Mysore	Sirsi
Books as on 31-03-2014		7395	4262	853	6382	3477	2472	2636	3164
Books purchased in 2014-15		886	2668	616	1162	485	118	1359	543
Donated Books in 2014-15		52	533	24	22	1	-	126	0
Total Books as on 31-03-2015 (1+2+3)		8589	7463	1493	7566	3963	3590	4121	3707
Thesis as on 31-03-2013		484	98	--	--	--	--	--	--
Thesis added in 2014-15		34	23	--	--	--	--	--	--
Thesis as on 31-03-2015 (5+6)		518	121	--	--	--	--	--	--
Journals /Periodicals	National	94	63	5 Bvol	51	4	--	8	25
Subscribed in 2014-15	International	4	3	--	--	--	--	--	1
Audio/ Video Materials		10	215	--	--	--	--	8	--
Others		1027 + 283 CDs	--	--	--	--	--	--	--

## 4.2 USAGE OF RESOURCES AT THE LIBRARY

### A. Details of Library Membership as on 31-03-2015

Sl.No.	COH Name	Faculty	PhD. Students	PG students	UG students	Diploma Students	Non-Teaching staff	Total
1	Arabhavi	41	16	72	250	--	2	381
2	Bagalkot	71	15	71	243	30	10	440
3	Bangaluru	24	15	52	--	--	5	96
4	Bidar	24	--	--	246	--	8	278
5	Kolar	24	--	4	--	241	20	273
6	Munirabad	16	--	--	197	--	20	233
7	Mysore	16	--	--	200	--	8	224
8	Sirsi	20	0	0	230	--	6	256
		236	46	199	1366	271	79	2181

### B. Average usage of Resources per week

Sl. No.	COH Name	Books Referred /Consulted at library	Books Issued /borrowed	Journals	General Periodicals /Newspaper	Back Volumes	Audio /Video Materials	Others
1	Arabhavi	1494	462	1174	1041	715	21	34
2	Bagalkot	1300	1115	96	105	--	15	--
3	Bangaluru	10	25	15	70	5	--	--
4	Bidar	289	300	100	260	--	--	--
5	Kolar	400	250	20	100	--	--	--
6	Munirabad	120	400	--	806	--	--	--
7	Mysore	238	112	16	56	7	3	--
8	Sirsi	90	150	110	125	35	--	--

## 4.3 SERVICES PROVIDED AT THE LIBRARY

Sl. No.	COH Name	Reprographic service	News clipping service	Internet service	Inter Library Loan/ Referral Service	AV Materials service	Other services (Printing, Reference, Overnight Issue Service)
1	Arabhavi	Yes	Yes	Yes	Yes	Yes	Yes
2	Bagalkot	Yes	Yes	Yes	Yes	Yes	Yes
3	Bangaluru	-	-	-	-	-	Yes
4	Bidar	Yes	Yes	-	-	-	Yes
5	Kolar	Yes	Yes	-	-	-	Yes
6	Munirabad	Yes	Yes	Yes	-	-	Yes
7	Mysore	Yes	Yes	Yes	-	-	Yes
8	Sirsi	Yes	Yes	Yes	Yes	-	Yes

## 4.4 FACILITIES

- The library is stacked with text books, reference books, journals, PG theses *etc.*
- University main campus Library is kept open from 9.00 a.m. to 7.00 p.m. on all working days except public holidays and from 9.00 a.m. to 1.30 p.m. on Saturdays & Sundays.
- Readers can borrow 3 (students) and 5 (faculty) books at a time and keep them for a period of two week.



- There is a concessional photo copying and computer printing facility for students, which is kept open during library hours.
- University Library has adopted open access system and Dewey decimal classification scheme.
- Catalogue of Theses covering the period from 2010-11 to till date are in electronic form and being updated as and when necessary.

#### 4.5 BUDGET

Sl. No.	COH Name	Total Budget allotted for 2014-15		Total Budget spent as on 31-03-2015	
		Books	Journals/ Periodicals	Books	Journals/ Periodicals
1	Arabhavi	2,00,000.00	5,00,000.00	165,534.00	4,98,947.00
2	Bagalkot	11,00,000.00	6,00,000.00	9,13,688.00	5,75,616.00
		10,00,000.00	-	9,97,975.00	-
3	Bangaluru	-	-	-	-
4	Bidar	6,00,000.00	2,00,000.00	1,50,000.00	93,850.00
5	Kolar	200,000.00	40,000.00	1,82,961.00	13,738.00
6	Munirabad	2,75,000.00	3,00,000.00	2,74,129.00	20,721.00
7	Mysore	5,00,000.00	25,000.00	4,99,781.00	21,947.00
8	Sirsi	200,000.00	60,000.00	1,20,818.00	31,536.00

#### 4.6 OTHER ACTIVITIES:

Sl. No	College Name	Orientation Programmes	Book Exhibitions	Other Activities
1	Arabhavi	Conducted and presented orientation course for newly admitted students (2014-15) regarding Library facilities, rules and regulations	Newly purchased books have been exhibited during the academic year 2013-14 and 2014-15 for the benefit of students and staff of KRC College of Horticulture, Arabhavi.	Competitive exams books have been exhibited during the academic year 2014-15 for the benefit of students of KRC College of Horticulture, Arabhavi Initiated separate maintenance of books for SC/ST Book Bank Scheme. The SC/ST Book Bank has 256 books. These are purchased from Social Welfare Department of GOK& given free of cost to K R C College of Horticulture Library, Arabhavi for the benefit of SC / ST students. (2013-14)
2	Bagalkot	Two Orientation programmes where conducted for the benefit of staff and students. User orientation on J-Gate @CeRA (Consortia for E-resources in Agriculture was conducted.	Conducted Books Exhibition at Sarvajna Library, UHS, Bagalkot for the benefit of Staff and Students of UHS, Bagalkot on: ➤ 18th July, 2014 ➤ 10th & 11th February, 2015 ➤ 16th & 17th March, 2015	One day Demo on Indian Citation Index (ICI) and Springer E-Resources was conducted for the benefit of staff on 26 <sup>th</sup> December 2014
3	Bangaluru	--	--	--
4	Bidar	--	Books Exhibition and orientation programme was conducted for the benefit of staff and students	--

5	Kolar	Library orientation is given to newly admitted students of B. Sc (Horti) at College of Horticulture, Kolar	Conducted the "Books Exhibition" in the Library, College of Horticulture, Kolar premise for students and staff on 23 <sup>rd</sup> January 2015	Koha open source software is installed and customized
6	Munirabad	Orientation programme has been held on 21.07.2014 for the newly admitted/registered students of Bsc.(Horti.). on that day information has been given regarding the facilities available at library, such as text books on various subjects of horticulture, agriculture and allied subjects, books related to competitive exams etc. news papers, magazines and internet facility.	Book exhibitions has been arranged on 28.01.2015 and 29.01.2015. on these days 3 suppliers, SPS BOOKS DISTRIBUTORS Bangalore, SUPER BOOKS SERVICES Bangalore, THE STANDARD BOOK COMPANY Bangalore were participated. The Dean, entire faculty and students visited the exhibition and listed the important books required for the library	--
7	Mysore	At the beginning of the every academic year and at the time of any new initiation we are conducting the orientation and training programmes to the students and the staff. Orientation Programme.	Periodically we are organizing the book exhibition and procuring the books selected by the faculty and the students according to the University norms. Book Exhibition conducted on 30-01-2015, 31-01-2015 and 19-02-2015 in the Museum Hall, COH, Mysore.	For the benefit of the students interested in various competitive exams we have maintained a separate section for the Competitive exams and we are conducting the workshops by inviting the IAS, KAS and other officers. One Day workshop on Competitive Exams conducted on 18-10-2015 in the Seminar Hall, COH Mysore.
8	Sirsi	Every year library orientation programme will be conducted in the month of august for the fresh students to make acquaintance about the activities related to the library.	Books exhibition was held on 13.11.2014 by the SPSS books Bangalore.	--

The university has always realized that creating facilities for learning will enthuse the students to learn and excel. Every constituent college is equipped with a library with the latest books and selected journals. The University of Horticultural Sciences, Bagalkot is a member of CeRA Consortium, through this platform all the libraries are acquiring major e-resources related Horticulture and (Agriculture) allied sciences. CeRA has given researchers an unprecedented level and convenience of accessing knowledge from scholarly articles. It enhanced access to journal articles which led to greater productivity, research quality and other outcomes. It began to provide online access to full-text scholarly articles, triggering a revolution in the scholarly communications process.

\* \* \*

## 5

## RESEARCH

The University of Horticultural Sciences Bagalkot is established during 2008-09 and working hard to cater to the needs of farming community with respect to knowledge of horticulture. Presently, the University is having 1 MHREC, 2 RHREC, 8 HRES and 10 AICRP centres covering all agro climatic zones of Karnataka.

The efforts have been made to consolidate the research activities at different research stations by assigning the mandate crops and fixing priority areas of research.

### 5.1: Regional Horticultural Research and Extension Centres (RHREC) & Horticulture Research and Extension Stations (HRES)

Sl. No.	Horticultural Research Stations	Year of commencement	Area (Ha)	Proposed Mandate Crops
1	MHREC, Bagalkot	2009	120.00	Pomegranate, Mango, Sapota, Coconut, Vegetables, Flowers, Medicinal and Aromatic crops
2	RHREC, Dharwad (Kumbapur)	1994	49.52	Mango, Guava, Sapota, Potato, Vegetables
3	RHREC, Bangalore	2009	40.00	High-tech Horticultural crops, Mango, Sapota, Guava, Minor fruits Flowers and Medicinal and aromatic Crops
4	HRES, Haveri (Devihosur)	2000	31.85	Chilli, Garlic, Vegetables and Annual Spices
5	HRES, Sirsi	1965	07.10	Areca nut, Pepper, Cardamom, Tree spices, Turmeric, Ginger, Pineapple, Medicinal plants, Garcinia
6	HRES, Arsikere	1958	48.61	Coconut
7	HRES, Belgaum (Kanabargi)	1986	08.45	Cashew, Flowers and Vegetables
8	HRES, Bijapur (Tidagundi)	2002	20.25	Grapes, Pomegranate, Lime, Fig, Jamun, Annona
9	HRES, Hidkal dam	2009	27.57	Mango, Sapota, minor fruits medicinal and aromatic plants
10	HRES, Srinivasapura (Hogalagere)	2009	60.00	Cashew, Mango, Arid zone fruits and Vegetables
11	HRES Somanahalli Kaval (Hassan)	2013	20.00 (7.50)	Potato, Banana & Vegetables

### 5.2: All India Co-ordinated Research Projects (AICRP) Centres

Sl. No.	AICRP	Year of Commencement	Location
1	AICRP on Oil Palm	1987-88	Gangavati
2	AICRP on Spices	2006-07	Sirsi
3	AICRP on Palm	1976	Arasikere
4	AICRP on Vegetables	1995	Dharwad
5	AICRP on Tropical Fruits	1994	Arabhavi
6	AICRP on Tuber crops	2001	Dharwad
7	AICRP on Cashew	1982	Chintamani
8	AICRP on Cashew (Voluntary centre)	2009	Kanabargi
9	AICRP on Potato	1993	Hassan
10	AICRP on Dharwad*	1993	Dharwad
11	AICRP on Grapes (Voluntary centre)**	2014-15	Vijayapur

\* Transferred to UAS Dharwad on 31-03-2015

\*\* New voluntary centre allotted and functioning from 2015-16

### 5.3 Annual Technical Committee Meetings

Annual Technical Committee Meetings of 10 disciplines were conducted at different research stations and colleges of the University and discussed about ongoing, concluding and new experiments. The details are as follows

Sl. No.	Disciplines	Date	Place
1	Vegetable Science	12-14 <sup>th</sup> Feb, 2015	COH Bidar
2	Horticulture Plant Pathology	18-19 <sup>th</sup> Feb, 2015	COH, Bidar
3	Floriculture and Landscape Architecture	19-20 <sup>th</sup> Feb, 2015	COH Sirsi
4	Plantation, Spices and MAP	20-21 <sup>st</sup> , Feb, 2015	COH Bidar
5	Horticultural Entomology	23-24 <sup>th</sup> Feb, 2015	HRES, Devihosur
6	Biotechnology and Crop Improvement (GPB, SST, BT, CROP PHY & BIO-CHEM)	26-27 <sup>th</sup> Feb, 2015	KRCCH Arabhavi
7	Department of Social & Allied Science (AGRIL. EXT, AGRIL. ECON, PE, LIB SCI, ENG, CS, AGRIL.STAT)	2-3 <sup>rd</sup> March, 2015	KRCCH Arabhavi
8	Fruit Science	6-7 <sup>th</sup> March, 2015	COH Mysuru
9	Post Harvest Technology	10-11 <sup>th</sup> March, 2015	COH Sirsi
10	Natural Resource Management and allied Science (SAC, AGR, FOR, AGRIL.MIC & AGRIL ENGG)	12-13 <sup>th</sup> March, 2015	COH Mysuru

### 5.4 Regional Horticultural Research and Extension Workshops:

Regional Horticultural Research and Extension Advisory and Project Formulation (RHREA&PF) Workshop of Southern Region of Karnataka was conducted at COH, Mysore on 16<sup>th</sup> and 17<sup>th</sup> April, 2015 and Northern Region of Karnataka was conducted at KRCCH Arabhavi on 23<sup>rd</sup> to 25<sup>th</sup> April, 2015. In these workshops, decisions were taken regarding Varieties to be released, technologies for POP, Farm trials, Multi Location trials, Large Scale Demonstrations and new projects to be conducted for 2015-16 besides presentation of ongoing projects. The details are as follows.

#### Outcome of the workshop 2014-15

Sl No.	Technologies	Northern Region	Southern Region	Total
01	Varieties release proposals	01	--	01
02	Technologies for POP	19	3	22
03	Farm trials /Multi Location trials*	26	7	33
	Total	47	10	57

\*It includes 5 IIHR Trials

### 5.5 Salient Research Accomplishments:

#### 1. Varieties developed and approved to release: Coriander DCC-46

SL. No.	Characters	DCC-46	DWD-3
1.	Pedigree	Selection from Guntur local	Released variety (for the zone)-Check

2.	Duration (days)	95	90
3.	Growing Season	<i>Rabi</i>	<i>Rabi</i>
4.	Leaf color	Dark green	Green
5.	Stem Pubescences	Absent	Absent
6.	Plant height (cm)	64.1	54.2
7.	No. of primary branches per plant	4.0	4.1
8.	No. of Umbels per plant	35.7	26.1
9.	No. of umbellate per umbel	6.0	5.0
10.	Days to fifty per cent flowering	55	54
11.	No. of fruits per umbel	18.0	15.0
12.	Seed yield per plant (g)	8.3	6.9
13.	Weight of 1000 seeds (g)	15.4	13.2
14.	Seed color	Brownish yellow	Brownish yellow
15.	Seed shape	Slightly lengthened	Slightly lengthened
16.	Seed splitting	Absent	Absent
17.	Seed yield (kg/ha)	1303	831
18.	Per cent increase in yield over check variety	56.8	-
19.	Essential oil (%)	0.268%	0.113%
20.	Reaction to stresses	Moderate tolerant to drought	Susceptible
21.	Reaction to Pest (No. of Aphids/cm Shoot length of Umbel)	Moderately Resistant (2.85)	Susceptible (5.22)
22.	Reactions to Diseases Powdery mildew (% severity)	Moderately Resistant (5.63)	Susceptible (25.40)

## 5.6 Technologies developed and approved for inclusion in the Package of Practices: (22 nos.)

### 5.6.1 Crop Improvement (5 nos.)

#### 5.6.1.1 Fruit Crops.

##### Studies on collection and evaluation of fig genotypes.

Dinakar variety of fig is also suitable to grow in northern region since yield (4.5 kg/plant) and quality fruits are on par with Bellary (4.0 kg/plant) and Deana (4.0 kg/ha).

#### 5.6.1.2 Vegetable crops

##### Varietal evaluation of onion.

Bheema shakti (45 t/ha) and Bheema red (40 t/ha) onion varieties showed better performance in northern region and recommended for late *kharif* and *rabi* season.

### **5.6.1.3 Flower crops**

#### **Evaluation of gerbera cultivars under different growing conditions**

Among nine cultivars of gerbera evaluated both under naturally ventilated polyhouse and shade house conditions, the cultivar Sonata (80 flowers/plant), Ariana (73 flowers/plant), Dombllance (70 flowers/plant) and Kyillian (69 flowers/plant) were showed better performance and suitable cultivars to be grown under naturally ventilated polyhouse condition.

#### **Evaluation of anthurium varieties under shade house condition**

Among five varieties evaluated under shade house condition the varieties Tropical Red (6 flowers/plant), Xavia Red (6 flowers/plant) and Acropolis White 5 (flowers/plant) recorded maximum number of flowers and longer vase life (15, 16 & 13 days respectively) found suitable for cultivation in shade house.

#### **Crop improvement in gladiolus.**

Among the different cultivars of gladiolus evaluated in the northern region of Karnataka the cultivar Darshan recorded better performance in terms of yield 2 spikes per corm and quality with stalk length of 85-90 cm, 15 florets per spike with vase life of 8 days, moderately resistant to Fusarium wilt disease. The cultivar is recommended to the region.

### **5.6.2 Production Technology (6 nos.)**

#### **5.6.2.1 Fruit crops (5nos.)**

##### **Studies on high density planting in guava cv. Sardar.**

Studies on high density planting of guava in cv. Sardar revealed that the plant spaced at 2m X 1m (5000 plants/ha) with sugarcane trash mulching recorded highest fruit yield (37.80 t/ha).

##### **Standardization of optimum level of pruning in guava cv. Sardar.**

Pruning of plants under high density planting (2m X 1m) at 50% of shoot growth during third week of April, August and December resulted in higher fruit yield of 38.70 t/ha.

##### **Standardization of propagation techniques in fruit crops.**

The best month for soft wood grafting in Wood apple is August (80.7%) and September (80.46%) whereas, August month is good for Karonda (52.38%) with maximum per cent of success.

##### **Studies on seed germination in Custard apple.**

Soaking of custard apple seeds in 400 ppm GA<sub>3</sub> for 5 minutes before sowing recorded maximum percentage germination (58).

##### **Studies on seed germination in Papaya.**

Soaking of papaya seeds, over night in cow urine or 0.5% potassium schonite and drying under shade for six hours before sowing recorded highest percentage of germination (92).



### 5.6.2.2 Plantation Medicinal Aromatics and Spices (1 nos.)

#### Effect of spacing and fertilizer doses on seed yield of Fenugreek.

Fenugreek plants spaced at 30 cm x 10 cm with recommended fertilizer (50:50:0 kg NPK/ha) recorded higher yield (1500 kg/ha).

### 5.6.3 Plant protection (8 nos.)

#### Management of late blight of Potato.

Spraying of Fenamidon + Mancozeb @ 0.3% and Azoxystrobin @ 0.1% at 2<sup>nd</sup> and 5<sup>th</sup> week after sowing is effective against control of late blight of potato.

#### Management of fruit rot and powdery mildew of Chilli.

Application of Kresoxim methyl 50SC @ 0.1% is effective against fruit rot and powdery mildew of chilli

#### Studies on epidemiology of sigatoka leaf spot disease of Banana

Planting of banana in the month of May, June and July is effective for management of sigatoka leaf spot disease of banana.

#### Studies on survival ability of *Xanthomonas axonopodis* pv. *Punicae* causing bacterial blight of pomegranate

Burying the Pomegranate bacterial blight infected leaf and fruit residue at the depth of more than 15cm in the soil is effective in arresting of spread of disease.

#### Evaluation of Bio-efficacy of Panchagavya to Chilli thrips and mites

Spraying of panchagavya @ 5% in 7<sup>th</sup> and 9<sup>th</sup> week after transplanting found effective in control of thrips and mites in chill.

#### Evaluation of Bio-efficacy of Panchagavya to Onion thrips

Spraying of panchagavya @ 5% in 5<sup>th</sup> and 7<sup>th</sup> week after sowing recorded minimum incidence of thrips in onion.

#### Management of burrowing nematode in Banana.

Application *Pseudomonas fluorescens* @ 12.5g/plant + *Paecilomyces lilacinus* @ 12.5g/plant effectively reduced the burrowing nematode population

#### Management of burrowing nematode in Banana.

Soil application of neemcake @ 500 g/plant before planting effectively reduced the burrowing nematode population

### 5.6.4 Post harvest technology (3 nos.).

#### Studies on fortification of Tomato ketchup and its storage

Fortification of tomato ketchup with 2% soya protein and 2% whey protein is most accepted nutritionally as the product has substantially higher protein content than those of unfortified ketchup with good color, flavor, taste and overall quality.

### Extraction and preservation methods for gel from Indian Aloe (Home-scale)

After manual scooping and straining of aloe vera gel added with methyl parabin @ 3000 ppm could be stored for a period of 3 months.

### Influence of cold soaking and thermovinification on quality of Jamun wine

Quality jamun wine can be prepared from jamun pulp + skin by subjecting thermovinification (heating at 82°C for 2 min).

## 5.7 Technologies approved for Farm trials

### 5.7.1 IIHR Bengaluru

Sl.No	Crop	Title	Treatment	Location with Scientist Name
1	Mung Bean	Mung Bean Yellow Mosaic Virus (MYMV) resistant French bean var. Arka Arjun suitable for summer cultivation	T1: Arka Arjun T2: Arka Anoop	COH, Bagalkot -Dr. Vasanth M. Ganiger HRES, Arasikere- Dr. T. B. Basavaraj COH, Mysuru -Dr. K. M. Indires HRES, Hassan- Dr. Vishnuvardhana HRES, Hogalagere -Dr. M. K. Honnabyraiah HRES, Tidagundi (Bijapur) -Dr. R. S. Jawadagi KRCCOH, Arabhavi -Mr. V. D. Gasti
2	Watermelon	Varietal evaluation in watermelon	T1: Arka Akash T2: Local Check	COH, Bengaluru-Dr. M. Anjanappa KVK, Kolar- Dr. K. Tulasiram HEEU, Mysuru -Mr. Harish, B. S Chamarajanagar -Mr. Harish, B. S KRCCOH, Arabhavi-Dr. Ravindra Mulge
3	Mango	Varietal evaluation in Mango	T1: Arka Udaya T2: check varieties Alphonso and Amrapali	RHREC, Bengaluru-Dr. T. R. Guruprasad MHREC, Bagalkot-Dr. D. R. Patil RHREC, Kumbapur, Dharwad- Dr. S. I. Athani HRES, Hassan -Dr. Vishnuvardhana HRES, Hogalagere – Dr. M. K. Honnabyraiah COH, Bidar –Mr. Srinivas, N COH, Mysuru-Dr. Venkat Rao
4	Guava	Varietal evaluation in Guava	T1: Arka Rashmi T2: Check varieties are Arka Mrudula and Arka Kiran.	COH, Bagalkot-Dr. Vasanth M. Ganiger MHREC, Bagalkot-Dr. D. R. Patil RHREC, Kumbapur, Dharwad- Dr. S. I. Athani HRES, Hassan -Dr. Vishnuvardhana HRES, Hogalagere -Dr. M. K. Honnabyraiah COH, Bidar - Mr. Srinivas, N COH, Mysuru-Dr. Venkat Rao KRCCOH, Arabhavi- Dr. G. S. K. Swamy RHREC, Bengaluru -Dr. T. R. Guruprasad
5	China Aster	Varietal evaluation in China Aster	T1: Arka Aadya (Pink) T2: Check Kamini T1: Arka Archana (White) T2: Shashank	KRCCOH Arabhavi- Dr. Mukund DR Office- Naveen M.P HRES Kanabargi- Mr. R.T.Patil

5.7. 2. Farm Trails / MLT UHS, Bagalkot				
Sl.No	Crop	Title	Treatment	Location with Scientist Name
1	Banana	Varietal trial in Banana	T1: Gandeve selection T2: Dwarf Cavendish	COH- Koppal COH- Sirsi COH-Bidar COH-Mysore
2	Vegetable Cowpea	Weed management in cowpea	T1: Pendimethalin@1 kg a.i./ha+ 1 hand weeding @ 30DAS T2: Weed free (Hand weeding @25 and 40 DAS)	Hidkal dam-Anand M. Mastiholi Devihosur- Dr Prabhu Ajjappanavar HEEU-Dharwad-J.B.Gopali Bagalkot- Dr. Vasant Ganiger COH,Bengaluru-Dr.Anjanappa
3	Onion	Studies on the effect of different sources of nitrogen and potassium and shelf life of onion variety Arka Kalyan	T1: SOP + Ammonium sulphate T2: MOP + FYM	Bagalkot-Dr. Vasant Ganiger Vijapur-Dr. R.S.Jawadgi Devihosur-Dr. Prabhu Ajjappanavar COH, Koppal- Dr. Linga murthy COH Bidar- Dr.Hanchinamani
4	Onion	Effect of Graded levels of fertilizers and Jeevamruta application to Onion	T1 – RDF 100% + Jeevamruta appln. @ 500 l/ha at the time of planting + vegetative growth + bolting stage T2- As per POP (RDF 100% + FYM)	Bagalkot- Dr. Kantesh G Bidar- Imam Sab Jatt Vijayapura- Dr. Raghavendra Achari Dharwad- Dr. B.C.Patil HRS,Hidkal- Chandrakant Kamble KVK,Kolar- Dr.Tulsiram
5	Orchid	Standardization of potting media for orchid cultivation	T <sub>1</sub> : Charcoal + Peanut shell + Maize rind found better for Orchid growing T <sub>2</sub> : Control	KRCCH, Arabhavi- Dr. Mukund S Kanbargi- R.T.Patil Bengaluru-Dr. Seetaramu COH, Bidar- Vijaylakshmi Bagalkot- Sateesh Patil
6	Coriander	Varietal evaluation of Coriander for seed yield	T1- Hissar Sugandh (long duration) T2-GCr-2 (medium duration) T3- Co-4 (short duration) T4- DWD-3 (check)	<b>FT &amp; one LSD.</b> Dharwad- Dr. B.C.Patil Devihosur-Dr.Krishna Kurbet KRCCH,Arabhavi-Dr. Pushpa, T.L Bagalkot- Dr. Vasant Ganiger <b>LSD at COH Bidar</b>
7	Garlic	Effect of Graded levels of fertilizers and Jeevamruta application to Garlic	T1 – RDF 100% + Jeevamruta appln. @ 500 l/ha at the time of planting and vegetative growth T2- As per POP (RDF 100% + FYM)	KVK,Bagalkot- Dr.R.M.Hosmani KVK,Mattikoppa- PC HRS,Hidkal- Chandrakant Kambli KVK,Hulkot- Dr.Hiregoudar
8	Inter crop	Nutrient management in Chilli + Onion – Cotton cropping system	T1 –Chilli (RDF 100% ) + Garlic (RDF 75%) - Cotton (RDF 50%) T2 – Sole Chilli (RDF 100%) T3 – Chilli (RDF 100% ) + Garlic (RDF 50%) - Cotton (RDF 50%) T4 – Farmers practice	<b>FT &amp; one LSD</b> KVK,Hulkot- Dr. Hiregoudar HEU, Dharwad- Dr.Gopali KVK, Hanamanamatti- PC <b>LSD at Devihosur</b>
9	Inter crop	Nutrient management in Chilli + Garlic – Cotton cropping system	T1 –Chilli (RDF 100% ) + Garlic (RDF 75%) - Cotton (RDF 50%) T2 – Sole Chilli (RDF 100%) T3 – Chilli (RDF 100% ) + Garlic (RDF 50%) - Cotton (RDF 50%) T4 – Farmers practice	<b>FT &amp; one LSD</b> KVK,Hulkot- Dr. Hiregoudar HEU, Dharwad- Dr.Gopali KVK, Hanamanamatti- PC <b>LSD at Devihosur</b>
10	Mucuna	Evaluation of Mucuna genotypes for growth, yield and quality	T1- Arka Ashwini T2-IIHR-3 T3-Selection 8(Check)	Proposed farm trial subjected to clarification from IIHR regarding varieties. COH, Mysore-Dr. Jagadeesh COH, Bengaluru- Dr. Umesh COH, Bagalkot- Dr. V.P.Singh
11	Coleus	Supplementation inorganic sources through organics to coleus	T <sub>1</sub> : FYM (100% RDN) T <sub>2</sub> : Vermicompost (100% RDN) T <sub>3</sub> : RDF (50:50:50 kg NPK + 10MT FYM/ha)	Bagalkot- Dr. Kantesh, G KLE KVK- PC SADH-Hukkeri COH, Koppal- Rajeshwari, N

12	Mango	Bio-efficacy of Thiomethoxam 25 WG against Mango hoppers	T <sub>1</sub> -Thiomethoxam 25WG – 0.20 g/lit of water T <sub>2</sub> - Imidacloprid 17.8 SL – 0.25 ml/lit of water	AICRP, Hogalgere KVK, Kolar- PC Kanbargi- Dr.R.T.Patil Dharwad- Dr. J.B.Gopali
13	Banana	Management of post-harvest diseases of banana	T1- Dipping of banana fruits in Carbendazim 0.1% T2-Dipping of banana fruits in <i>Solanum nigrum</i> (50%) T3- Dipping of banana fruits in <i>Trichoderma viride</i> solution@20g/lit of water	DR Off Bagalkot- Dr. Manjunath COH Bengaluru- Amrita Bhat COH Sirsi- Prashanth COH, Koppal- Ravikumar HRES Vijayapura-Dr. Raghavendra Achari
14	Pomegranate	Management of fruit cracking caused by bacterial blight disease using sulphate of potash	T1 – Three doses of 50 g. soil application and 3% foliar application of sulphate of potash after flowering at 15 days interval T2 – Foliar application of copper oxy chloride 3 g. + Streptocycline 0.5 g./l T3 – Control	KVK, Chitradurga- PC COH, Mysore- Harish COH, Koppal- D.P. Prakash HRES Vijayapura- Dr. Raghavendra Achari COH Bagalkot- Kiran K.C
15	Acid lime	Evaluation of Rynaxypyr 18.5 EC against citrus leaf miner in acid lime	T1- Rynaxypyr 18.5 @0.2ml/l T2- Cypermethrin 10EC @ 0.5ml/l No. of sprays: Two at 10 days intervals	KVK, Vijayapura DDH, Vijayapura, Indi and Sindagi HEEU, Bagalkot- Vinaykumar
16	Acid lime	Evaluation of Rynaxypyr 18.5 EC against citrus Butterfly in acid lime	T1- Rynaxypyr 18.5 @0.2ml/l T2- Cypermethrin 10EC @ 0.5ml/l No. of sprays: Two at 10 days intervals	KVK, Vijayapura DDH, Vijayapura, Indi and Sindagi HEEU, Bagalkot- Vinaykumar
17	Brinjal	IPM of Brinjal shoot borer	T1- IPM package Seedling root dip with imidacloprid 17.8SL @ 0.2 ml/lit - Neem cake @ 250 kg / ha in two splits after transplanting - Thiodicarb 75 SP @1.0 g/lit – Cyzypyr 10 OD @ 1.80 ml – Rynaxypyr 18.5 SC @ 0.2 ml – B t @ 1.0 ml – Destruction of damaged fruits T2 - RPP Profenphos 50EC @ 2.0 ml/lit - Quinalphos 25EC @ 2.0 ml/lit – Methomyl 40SP @ 1.0 g/lit – Cypermethrin 10 EC @ 0.5 ml/lit	HRES Hogalagere – Dr. Ashwathnarayana Reddy HEEU Bagalkot Dr.Gangadhar N HEEU Bengaluru-Dr. Ramegowda HEEU Dharwad- Dr J.B. Gopali
18	Garlic	Evaluation of Panchagavya to garlic thrips	T1: Panchagavya @ 5% Vs T2: RPP (Dimethoate 30 EC @ 1.7ml/l at 5 WAT No. of sprays: two, 1 <sup>st</sup> spray at 5 WAT and 2 <sup>nd</sup> spray at 7 WAT	HRES Hogalagere – Dr. Ashwathnarayana Reddy HEEU Bagalkot Dr.Gangadhar N HEEU Bengaluru-Dr. Ramegowda HEEU Dharwad- Dr J.B. Gopali
19	A M Fungi	A M Fungi for rooting in Jamun, Mango, Papaya and Lime Seedlings and fig cuttings	T1: Jamun, Papaya Fig <i>Glomus leptochium</i> T2: Mango, Jamun <i>Acaulospora laevis</i> T3: Mango, Jamun <i>Glomus sasciculatum</i> T4: Lime <i>Glomus bagyarajii</i> T5: Fig <i>Glomus monosporum</i>	1. MHREC Bagalkot- Mr Sateesh Pattepur 2. HRES Vijayapur Dr. R.S Jawadagi 3. HRES Hidkal Dam Mr. C. Kamble 4. RHREC Dharwad Dr. Yeshwanth Kumar

20	Arecanut	Composting of Arecanut	T1: Microbial consortia + Cow dung slurry + Glyricidia T2: Cow dung slurry + Glyricidia	1. KVK Mudigere 2. KVK Srigeri 3. HRES Sirsi 4. ARS Tirthahalli
21	Chilli	Evaluation of F1 hybrids for dual purpose	a. Shankeswar segments: SRS-2 and SRF-7, b. Dry Segments: 0437-5-12, Byadagi Kaddi, Byadagi Dabbi, 418-66-18, GPM-120.	<b>MLT</b> HRES, Hidkal- Chandrakant Kambli COH, Bidar- Hanchinamani Bagalkot- Dr. Vasant M. Ganiger Dharwad- B.C. Patil
22	Chilli	Development of high yielding dry chilli varieties.	Hyb Segments: T1. Hyb-80 T2. Hyb-31 T3. Check Sitara and Arka Khyati	<b>MLT</b> HRES, Hidkal- Chandrakant Kambli COH, Bidar- Hanchinamani Bagalkot- Dr. Vasant M. Ganiger Dharwad- B.C. Patil
23	Sambar Southe	Evaluation of Sambar Southe Cucumis melon vr. Conomon	T1: Sirsi-1 T2: BCMCO-04 T3: Mudicode (check) T4: GR-3 T5: Mangalore	<b>MLT</b> COH, Sirsi- Dr. Shivanand Hongal COH, Mysore- Dean/Meenakshi COH Bengalure- Dr Anjanappa COH, Koppal- Dr. Lingamurthy COH, Bidar- Dr Hanchinamani Kanbargi- R.T. Patil
24	China Aster	Crop improvement in China aster	T <sub>1</sub> : AAC-1 and T <sub>2</sub> : Kamini (Check)	<b>MLT</b> Bengaluru- Dr. Seetaramu Bagalkot- Dr. Satish Patil COH, Bidar- Vijayalakshmi P COH, Mysore- Yatindra Kanbargi -R.T. Patil COH, Kolar- Dr. Rajesh
25	Anthurium	Evaluation of varieties and studies on response of GA <sub>3</sub> on growth, yield and quality of anthurium ( <i>Anthurium andreanum</i> lind.) under shadenet condition	V1: Xavia V2: Tropical T1: GA <sub>3</sub> 450 ppm T2: GA <sub>3</sub> 600ppm	<b>MLT</b> DR Bagalkot- Naveen M. Puttaswamy COH- Bidar Dr. Vijayalakshmi, P HRES Kanabargi- R. T. Patil
26	Rose	Effect of Planting Geometry and Nutritional levels on growth, Yield and quality of Rose cv. Charisma	S1: 0.75 × 0.75 m (Control) S2: 1.50 × 1.00 m N1: 50:50:75g NPK/ Plant/ year	<b>MLT</b> MHREC, Bagalkot- Dr. S. R. Patil KRCCOH, Arabhavi- Dr. B. S. Kulkarni HRES, Kanabargi (Belagavi)- R. T. Patil COH, Bidar Dr. Vijaya lakshmi HEEU, Mysuru (Conducting at farmer field) - Harish, B. S KVK, Doddaballapura KVK, Chintamani
27	Turmeric	Evaluation of turmeric varieties under malnad situation in Karnataka	T1: Prabha, T2: CLI-237 T3: Rajapuri	<b>MLT</b> COH, Bidar- Dean/ Farooq KRCCOH, Arabhavi- Dr. Srikant Prasad Bagalkot- Koujalgi COH, Mysore- Dr. Harish Dharwad- Dr. Alloli
28	Glory lilly	Study on spacing and nutrients in Glory lilly	Spacing---S1-60x30 cm, S2-90x30cm Nutrients---T1-15t FYM +125:70:100 kg NPK/ha T2- 15t FYM +100:50:75 kg NPK/ha	<b>MLT</b> Honnabara- V. Narayanapura Gokarna- N.K. Hegde COH, Bidar- Dean



## 5.8 Details of chemical testing trials for the year 2014-15

Sl. No	Name of the Company	Chemical Name	Name of the Scientist	Station	Fees (Rs)
1	Willowood Chemicals (Pvt) Limited, New Delhi	Bio-efficacy evaluation of Carbendazim 50% WP in Brinjal	Dr. R.K. Mesta Mrs. Namitha Raut	Drawing Officer, COH, Bagalkot	80,000.00
		Bio-efficacy and Phytotoxicity trial of Carbendazim 50% WP in grape (Anthracnose)	Dr. V Devappa	Drawing Officer, COH, Bangalore	80,000.00
2	Novozymes South Asia Pvt. Ltd., Bangalore	Bio fungicide Taegro against Downy Mildew in Grapes. <b>(one season)</b>	Dr. Sumangal Koulagi Dr. G. S. K. Swamy	Drawing Officer, KRCCH, Arabhavi	95,000.00
		Bio fungicide Taegro against Powdery Mildew in Grapes. <b>(one season)</b>	Dr. Ravi Kumar B Dr. Prakash D. P	Drawing Officer, COH, Munirabad	95,000.00
		Bio fungicide Taegro against Downy Mildew in Grapes. <b>(one season)</b>	Dr. Ambika D S Dr. D. R. Patil	Drawing Officer, DOR Office, UHS, Bagalkot	95,000.00
		Bio fungicide Taegro against Powdery Mildew in Grapes. <b>(one season)</b>	Dr. Ambika D S Dr. D. R. Patil	Drawing Officer, DOR Office, UHS, Bagalkot	95,000.00
		Bio fungicide Taegro against Downy Mildew in Grapes. <b>(one season)</b>	Dr. V Devappa Dr. Mahadevamma M	Drawing Officer, COH, Bangalore	95,000.00
		Bio fungicide Taegro against Powdery Mildew in Grapes. <b>(one season)</b>	Dr. V Devappa Dr. Mahadevamma M	Drawing Officer, COH, Bangalore	95,000.00
		Bio fungicide Taegro against Downy Mildew in Grapes. <b>(one season)</b>	Dr. Raghavendra Achari Dr. H. B. Patil	Drawing Officer, HRS, Bijapur (Tidagundi)	95,000.00
		Bio fungicide Taegro against Powdery Mildew in Grapes. <b>(one season)</b>	Dr. Raghavendra Achari Dr. H. B. Patil	Drawing Officer, HRS, Bijapur (Tidagundi)	95,000.00
3	Crystal Crop Protection Pvt. Ltd., Delhi	Bioefficacy field trial of CCP-1153 against Alternaria (Early Blight) and Phytophthora (Late Blight) disease of Tomato for two seasons.	Dr. Manjunath, G. Mr. Kantesh G. N	Drawing Officer, DR Office, UHS, Bagalkot	1,40,000.00
4	Bayer Crop Science Ltd., Hubli	To evaluate bio-efficacy and Phytotoxicity of fluopicolide 4.44% + fosetyl al 66.66% - 71.10 WG (Profler 71.10 WG) against leaf/fruit spot disease of pomegranate. <b>(1<sup>st</sup> season)</b>	Dr. Manjunath G Dr. Anand G	Drawing Officer, DR office, Bagalkot	60,000.00
		Bio-efficacy, Phytotoxicity and effect on Natural enemy of BCS CL 73507 SC 200 against Tomato Fruit borer.	Dr. Ramegowda G. Dr.M.Anjanappa	Drawing Officer, RHREC, Bangalore	80,000.00
5	Melwich Chemtec Pvt. Ltd., Chennai.	Evaluation of <b>Prophiter</b> compound (Potassium salt of active phosphorus) against downy mildew of grapes <b>(One seasons)</b>	Dr. Sadanand K Mushrif Dr. Raghavendra K Mesta	Drawing Officer, COH, Bagalkot	60,000.00

6	Bayer Crop Science Ltd., Hubli	Bio-efficacy, Phytotoxicity and effect on Natural enemy of BCS CL 73507 SC 200 against Tomato Fruit borer. <b>(2<sup>nd</sup> Season)</b>	Dr. Ramegowda G. K Dr.M.Anjanappa	Drawing Officer, RHREC, Bangalore	60,000.00
7	Novozymes South Asia Pvt. Ltd., Bangalore	Bio fungicide Taegro against Powdery Mildew in Cucumber <b>(one season)</b>	Dr. Shankappa. K. S Mr. V. D. Gasti	Drawing Officer, KRCCH, Arabhavi	70,000.00
		Bio fungicide Taegro against Yellow Sigatoka in Banana <b>(one season)</b>	Dr. N. Thammaiah Dr. Suhasini Jarode	Drawing Officer, KRCCH, Arabhavi	85,00.00
8	Kan biosys Pvt. Ltd., Pune	Bio-ifficacy and Phytotoxicity of Sudo	Dr. Manjunath G Dr. Anand G	Drawing Officer, Dlrictorate of Research, UHS, Bagalkot.	95,000.00
9	Crystal Crop Protection Pvt. Ltd., Delhi	Bioefficacy and phytotoxicity evaluation of Gibberellic Acid 0.001%L in Tomato <b>(one season)</b>	Dr. H. Amarananjundeswara Dr.T.B.Manjunatha Reddy	Drawing Officer, COH, Kolar	60,000.00
		Bioefficacy and phytotoxicity evaluation of Gibberellic Acid 0.001%L in Grapes <b>(one season)</b>	Dr. Anand N Dr. D. R. Patil	Drawing Officer, MRHREC, Bagalkot	80,000.00
10	National Innovation Foundation, Ahmedabad – 380 015 Gujarat, India.	Evaluation of variety HZKB-1-traditional brinjal variety <b>(One season)</b>	Dr. Vasant Ganiger Dr.Venkateshalu	Drawing Officer, COH, Bagalkot	80,000.00
11	BASF India Ltd, Navi Mumbai	Evaluation of bio-efficacy and phytotoxicity of BAS 440 I against sucking pests (Jassids and white flies) on Brinjal.	Dr. Ramegowda G. K Dr.M.Anjanappa	Drawing Officer, RHREC, Bangalore	1,20,000.00
12	Tropical Agrosystem (India) Pvt. Ltd Chennai Tropical Agrosystem (India) Pvt. Ltd Chennai	Bio-efficacy , Phytotoxicity & Follow up crop analysis of Paraquat Dichloride 24% SL in Grape Crop <b>(One season)</b>	Dr. H. B. Patil Dr. Raghavendra Achari	Drawing Officer, HRES, Bijapur	80,000.00
		Bio-efficacy , Phytotoxicity & Follow up crop analysis of Paraquat Dichloride 24% SL in Potato Crop <b>(One season)</b>	Dr. Vishnuvardhan Dr. Prasad P. S.	Drawing Officer, HRES, Bijapur	60,000.00
13	Coromandel International limited Andhra Pradesh, India.	Efficacy and Phytotoxicity Tolfenpyrad 15% EC(Insecticide) on Okra crop	Dr. Venkateshalu Dr. V. M Ganiger	Drawing Officer, COH, Bagalkot	60,000.00
		Efficacy and Phytotoxicity Tolfenpyrad 15% EC(Insecticide) on Cabbage crop	Ramanagouda H Hadalageri Dr. R. T. Patil	Drawing Officer, COH, Bagalkot	60,000.00
14	Willowood Chemicals (Pvt) Limited, New Delhi	Bio-efficacy evaluation of Chlorothalonil 75% WP in Chilli <b>(One season)</b>	Mr. Abdul Kareem M Dr. M. H. Tatagar Dr. P. S. Ajjappalavar Mr. K. D. Kurubetta	Drawing Officer, HRES, Devihosur	60,000.00

		Evaluation of Bio-efficacy & Phytotoxicity analysis of Chlorothalonil 75% WP Formulation against the Anthracnose & Downey mildew on Grape crop (One season)	Raghavendra Achari Dr. Nadaf A M	Drawing Officer, HRES, Bijapur	80,000.00
		To evaluate Bio-efficacy of Ethephon 39% SL on Pineapple (One season)	Dr. L. N. Hegde Dr. Manju M J	Drawing officer HRES, Sirsi	80,000.00
15		To evaluate Bio-efficacy of Ethephon 39% SL on Tomato (One season)	Dr. Babu A G Mr. Hadimani H. P.	Drawing officer, Directorate of Research, UHS, Bagalkot	60,000.00
16	Kan biosys Pvt. Ltd., Pune	Evaluation of Bio-efficacy and Phytotoxicity of Milastin K ( <i>Bacillus subtilis</i> KTSB 1015) on Pomegranate (One Season)	Dr. Raghavendra Achari Dr. H. B. Patil	Drawing Officer, HRS, Bijaour (Tidagundi)	1,30,000.00
17	Crystal Crop Protection Pvt. Ltd., Delhi	Bioefficacy evaluation of diafenthiuron 50% WP in comparison to standard treatments on Cabbage Crop (one season)	Dr. Jayappa J. Sri. R. T. Patil	Drawing Officer, KRCCH, Arabhavi	60,000.00
		Bio-efficacy evaluation of Tetraconazole 3.8% EW (fungicide) for the control of Powdery Mildew in Grapes (Two seasons)	Dr. Raghavendra Achari Dr. H.B.Patil Dr. A. M. Nadaf	Drawing Officer, HRS, Bijapur	1,80,000.00
		Bio-efficacy evaluation of Tetraconazole 3.8% EW (fungicide) for the control of Powdery Mildew in Mango (Two seasons)	Dr. Anjaneya Reddy Dr. Noorulla Haveri	COH Kolar	1,60,000.00
18	Dupont India Pvt. Ltd., Yelahanka, Bangalore – 64	Efficacy of Proquinazid 20% EC on powdery mildew of grapes - (One season) (South region)	Dr. V Devappa Dr. M. K. Honnabyraiah	Drawing Officer, COH, Bangalore	85,000.00
		Efficacy of Proquinazid 20% EC on powdery mildew of grapes - (One season) (North region)	Dr. Kirankumar K. C. Dr. D. R. Patil	Drawing Officer, COH, Bagalkot	85,000.00
19	BASF India Ltd, Navi Mumbai	Evaluation of bio-efficacy and phytotoxicity of BAS 440 I against sucking pests (Aphids and Jassids) on Potato.	Dr. Ramegowda G. K Dr. Vishnuvardhan	Drawing Officer RHREC, Bangalore	90,000.00
		Evaluation of bio-efficacy and phytotoxicity of BAS 440 I against sucking pests (White flies and Jassids) on Cucumber.	Dr. Ramegowda G. K Dr. Vishnuvardhana	Drawing Officer RHREC, Bangalore	70,000.00
20	Elantass Agro Pvt. Ltd., Sangli – Maharashtra, India	Testing trial of Elanta Super on Alphonso Mango	Dr. S I Athani Dr. T B Alloli Dr. Jnaneswar B Gopali	Drawing Officer, RHREC, Dharwad	80,000.00

21	Syngenta India Ltd Pune – 411 045	Evaluation of bio-efficacy of Thiamethoxam (Actara 25WG) against pests complex in grapevine <b>(one season)</b>	Dr. A. M. Nadaf Dr. R. S. Jawadagi	Drawing Officer, HRES, Bijapur	85,000.00
		Evaluation of bio-efficacy of Thiamethoxam (Actara 25WG) as soil application against pests complex in grapevine <b>(one season)</b>	Dr. Venkateshalu Mr. Sateesh Pattepur	Drawing Officer, COH, Bagalkot	85,000.00
22	PI Industries Ltd. Gurgaon – 122 009, Haryana.	Bio-efficacy evaluation of PIF 320 5% SC on Powdery Mildew of Grapes crop (S) <b>(Two season)</b>	Dr. Sadanand K Mushrif Dr. D. R. Patil	Drawing Officer, COH, Bagalkot	1,80,000.00
23	Indofil Industries Ltd. Mumbai – 400 059	Evaluation of Crop Energy (Amino Acid Biostimulant) on Tomato. (One season)	Dr. H. Amarananjundeswara Dr. J. S. Arvind Kumar	Drawing Officer, COH, Kolar	60,000.00
24		Evaluation of Fruit Energy (Amino Acid Biostimulant) on Tomato. (One season)	Dr. H. Amarananjundeswara Dr. J. S. Arvind Kumar	Drawing Officer, COH, Kolar	60,000.00
25	Willowood Chemicals (Pvt) Limited, New Delhi	Evaluation of Bio-efficacy, Phytotoxicity and residue analysis of Metalaxyl 8% + Mancozed 64% WP formulation against the Downy mildew on grape crop	Raghavendra Mesta Dr. Sateesh Pattepur	Drawing Officer, COH, Bagalkot	80,000.00
26	DOW Agro Sciences India Pvt. Ltd. Coimbatore – 641 030	Evaluation of bio-efficacy of Haloxypop 10.8% EC (w/v) for weed control in Onion ( <i>Allium cepa</i> )	Dr. Kantesh Gandolkar Dr. Vasant M Ganiger	Drawing officer, Orchard Office, UHS, Bagalkot	60,000.00
27	DOW Agro Sciences India Pvt. Ltd. Coimbatore – 641 030	Evaluation of bio-efficacy of Spinetoram 10% w/w + Sulfoxafloor 30% w/w WG against lepidopteran and sucking insect pest complex on grapes	Dr. A. M. Nadaf Mr. Raghavendra Achari	Drawing officer, HRES, Vijayapur	85,000.00
<b>TOTAL</b>					<b>41,05,000.00</b>

## 5.9 Details of planting materials and seeds produced during 2014-15

### a. Abstract

SI No.	Particulars	Unit	Achieved
1	Grafts (Mango, Sapota, Custard apple etc)	Nos.	72975
2	Layers (Guava, Pomegranate etc)	Nos.	22266
3	Rooted Cuttings (Pomegranate, Pepper, Bettle vine etc)	Nos.	171267
4	Seedlings (Coconut, Curry leaf, Tamarind etc)	Nos.	161213
5	Banana tissue culture plants	Nos.	9892
	<b>TOTAL</b>		<b>437613</b>
7	Seed Nuts (Areca nut SAS-I)	Nos.	40828
8	Vegetable Seeds (Drumstick, Onion, Chilli etc)	Kgs	1795
9	Bulbs/Rhizomes	Kgs	250
10	Field Crops (Sorghum, Sunhemp, Soybean etc)	Kgs	14318

## b. Abstract

SI No.	Types of Planting Materials	HRS, Hidkal dam	HRS, Arasik ere	HRS, Bijapur (Tidagundi)	HRSSirsi	HRS, Devihosur	RHREC, Dharwad	MHREC, Bagalkot	RHREC, Bangalore	HRS, Kanabargi	HRS, Hogalagere	MHREC, S. No. 70 Bagalkot	Total
<b>GRAFTS</b>													
1	Mango grafts	2288	0	0	0	0	14661	2907	0	3000	4143	1258	28257
2	Sapota grafts	0	0	1566	0	0	8615	4935	0	2000	0	0	17116
3	Custard apple-Grafts	0	0	5663	0	0	1075	0	0	0	0	121	6859
4	Cashew Grafts	0	0	0	0	0	0	0	0	500	4663	0	5163
5	Jamun	0	0	1831	0	0	249	0	0	0	900	0	2980
6	Tamarind	0	0	2000	0	0	10100	0	0	0	0	0	12100
7	Black Pepper	0	0	0	500	0	0	0	0	0	0	0	500
	<b>TOTAL (Nos)</b>	<b>2288</b>	<b>0</b>	<b>11060</b>	<b>500</b>	<b>0</b>	<b>34700</b>	<b>7842</b>	<b>0</b>	<b>5500</b>	<b>9706</b>	<b>1379</b>	<b>72975</b>
<b>LAYERS</b>													
1	Guava Layers	0	0	0	0	700	29447	11	0	0	0	3100	33258
2	Pomogranate	0	0	0	0	0	0	330	0	0	0	18125	18455
	<b>TOTAL (Nos)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700</b>	<b>29447</b>	<b>341</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21225</b>	<b>51713</b>
<b>CUTTINGS</b>													
1	Black Pepper rooted cutting	0	0	0	73000	0	0	0	0	0	0	0	73000
2	Black Pepper rooted cuttings(improved variety)	0	0	0	1000	0	0	0	0	0	0	0	1000
3	Fig Rooted cuttings	97	0	514	0	0	0	603	0	0	0	4700	5914
4	Dog ridge rooted cuttings	0	0	23127	0	0	0	6000	0	0	0	0	29127
5	Pomegranate rooted cuttings	0	0	4100	0	0	0	0	0	0	0	0	4100
6	Grape(Dog ridge) rooted cuttings	0	0	0	0	0	0	0	0	0	0	16835	16835
7	Mango root stock	0	0	0	0	0	6000	7000	16000	0	0	4000	33000
8	Jamun root stock	0	0	0	0	0	5000	0	0	0	0	1500	6500
9	Tamarind root stock	0	0	0	0	0	0	0	0	0	0	1000	1000
10	Duranta rooted cutting	0	0	200	0	0	0	0	0	0	0	0	200
11	Agloloma	0	0	0	0	0	0	0	73	0	0	0	73
12	Philodendron gold	0	0	0	0	0	0	0	75	0	0	0	75
13	Bougainvillea	0	0	0	0	0	0	0	148	0	0	0	148
14	Acalypha	0	0	0	0	0	0	0	30	0	0	0	30
15	Almunda	0	0	0	0	0	0	0	20	0	0	0	20
16	Euphorbia myli	0	0	0	0	0	0	0	120	0	0	0	120
17	Pumaria Paduka	0	0	0	0	0	0	0	80	0	0	0	80
18	Peparomia	0	0	0	0	0	0	0	45	0	0	0	45
	<b>TOTAL (Nos)</b>	<b>97</b>	<b>0</b>	<b>27941</b>	<b>74000</b>	<b>0</b>	<b>11000</b>	<b>13603</b>	<b>16591</b>	<b>0</b>	<b>0</b>	<b>28035</b>	<b>171267</b>
<b>SEEDLINGS</b>													
1	Lime seedlings	0	0	6830	0	0	3000	31365	0	0	200	6000	47395
2	Kokum (Garcinia indica) Seedlings	0	0	0	300	0	0	0	0	0	0	0	300
3	Cardamom seedlings	0	0	0	1000	0	0	0	0	0	0	0	1000
4	Cinnamom seedlings	0	0	0	300	0	0	0	0	0	0	0	300
5	Areca nut seedling SAS-1	0	0	0	10000	0	0	0	0	0	0	0	10000
6	Curry leaf-seedlings	0	0	5925	0	0	6133	26	0	0	0	2000	14084
7	Coconut seedlings	0	19683	0	0	0	0	0	1681	0	0	20000	41364



8	Coconut seedlings (Dwarf)	0	76	0	0	0	0	0	0	0	0	0	76
9	Coconut (Hybrid)	0	316	0	0	0	0	0	0	0	0	0	316
10	Coconut (CDB Project)	0	6430	0	0	0	0	0	0	0	0	0	6430
11	Coconut (Selfed)	0	104	0	0	0	0	0	0	0	0	0	104
12	Tamarind seedling	0	0	5006	0	0	0	0	0	0	0	0	5006
13	Drumstick seedlings	0	0	710	0	1000	0	310	0	0	7292	13069	22381
14	Teak	0	0	0	0	0	0	772	0	0	0	0	772
15	Casurina	0	0	0	0	0	0	2072	0	0	0	0	2072
16	Papaya	0	0	0	0	0	0	0	0	0	200	0	200
17	Duranta	0	0	0	0	0	0	0	0	0	400	0	400
18	Custard apple	0	0	0	0	0	0	13	0	0	0	0	13
19	Mango seedlings	4000	0	5000	0	0	0	0	0	0	0	0	9000
	<b>TOTAL (Nos)</b>	<b>4000</b>	<b>26609</b>	<b>23471</b>	<b>1160</b>	<b>1000</b>	<b>9133</b>	<b>3455</b>	<b>1681</b>	<b>0</b>	<b>8092</b>	<b>41069</b>	<b>161213</b>
<b>PLANTS</b>													
1	Ornamental flowering Plants	0	0	0	0	0	0	706	0	0	0	0	706
2	Medicinal Plants	0	0	200	0	0	0	810	0	0	0	3777	4787
3	Ornamental show plants	0	0	0	0	0	0	970	0	0	0	0	970
4	ornamental plants	0	0	0	0	0	0	2873	0	0	0	4750	7623
5	Palm	0	0	0	0	0	0	1354	0	0	0	0	1354
6	Lime plants	0	0	0	0	0	0	0	960	0	0	0	960
7	Hibiscus	0	0	0	0	0	0	820	0	0	0	0	820
8	Jasmin	0	0	0	0	0	0	4357	0	0	0	0	4357
9	Cherry plants	0	0	0	0	0	0	600	0	0	0	0	600
10	Duranta goldy	0	0	0	0	0	0	9480	0	0	0	0	9480
11	Jamun plant	0	0	0	0	0	0	15	0	0	0	0	15
12	Banana (TC Plants)	0	0	9892	0	0	0	0	0	0	0	0	9892
	<b>TOTAL (Nos)</b>	<b>0</b>	<b>0</b>	<b>10092</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2198</b>	<b>960</b>	<b>0</b>	<b>0</b>	<b>8527</b>	<b>41564</b>
	<b>GRAND TOTAL (Nos)</b>	<b>6385</b>	<b>26609</b>	<b>72564</b>	<b>8610</b>	<b>1700</b>	<b>84280</b>	<b>7832</b>	<b>19232</b>	<b>5500</b>	<b>17798</b>	<b>100235</b>	<b>498732</b>

## c. Abstract

SL No	Crop / Variety	HRS, Hidkal dam	HRS, Arasikere	HRS, Bijapur (Tidagundi)	HRS, Sirsi	HRS, Devihosur	RHREC DWD	RHREC BGK	RHREC BLR	HRS, Kanabargi	HRS, Hogalagere	MHREC BGK	Total
<b>Vegetable Crops</b>													
1	Areca nut seed SAS-1	0	0	0	24500	0	0	0	0	0	0	0	24500
2	Onion seeds	0	0	500	0	35	0	0	0	0	0	0	535
3	Chilli	0	0	0	0	406	0	20	0	0	0	0	426
4	Coriander	0	0	0	0	235	0	0	0	0	0	0	235
5	Fenugreek	0	0	0	0	423	0	0	0	0	0	0	423
6	Coconut Seeds	0	16328	0	0	0	0	0	0	0	0	0	16328
7	Pigeonpea	0	0	0	0	0	0	150	0	0	0	0	150
8	Drumstick Seeds	0	0	2	0	0	0	0	0.9	0	24	27	53.9
	<b>TOTAL (Kg)</b>	<b>0</b>	<b>16328</b>	<b>502</b>	<b>24500</b>	<b>1099</b>	<b>0</b>	<b>170</b>	<b>0.9</b>	<b>0</b>	<b>24</b>	<b>27</b>	<b>42650.9</b>
<b>Bulbs</b>													
1	Garlic	0	0	0	0	150	0	100	0	0	0	0	250
	<b>TOTAL (Kg)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>
<b>Field Crops</b>													
1	Redgram	0	0	0	0	475	0	0	0	0	0	0	475
2	Soybean	0	0	0	0	11730	0	0	0	0	0	0	11730
3	Sorghum	0	0	0	0	283	0	0	0	0	0	0	283
4	Sunhemp	1100	0	0	0	240	0	0	0	0	0	176	1516
	<b>TOTAL (Kg)</b>	<b>1100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12728</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>176</b>	<b>14004</b>
	<b>GRAND TOTAL (Kgs)</b>	<b>1100</b>	<b>16328</b>	<b>502</b>	<b>24500</b>	<b>13977</b>	<b>0</b>	<b>270</b>	<b>0.9</b>	<b>0</b>	<b>24</b>	<b>203</b>	<b>56904.9</b>

## 5.10 Ongoing External funded projects:

### 5.10.1. National Horticulture Mission:

SL. No	Name of the Station	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
01	KRCCH Arbhavi	Plant Health Clinic	Dr. M.S. Kulkarni	2007-08	20.00
02	KRCCH, Arabhavi	Bio Control Unit	Dr. Jayappa,	2009-10	40.00
03	COH, Kolar	Establishment of Plant Health clinic	Dr. Anjaneya Reddy B, Asst. Prof. of Plant pathology,	2012-13	20.00
04	College of Horticulture, NH4, Tamaka, Kolar	Small Scale Nursery	Dr. V. Nache Gowda, Dean,	2013-14	4.64
05		Disease Forecasting Center	Dr. V. Nache Gowda	2011-12	4.50
06	COH, Sirsi	Establishment of Tissue Culture Lab	Dr. Chandan. K	2011-12	100.00
07		Establishment of Model Horticulture Nursery	Dean, COH, Sirsi	2011-12	25.00
08	COH, Mysore	Establishment of Model Nursery of Fruits at COH, Mysore	Dr. Venkat Rao, COH, Mysore	2012-13	24.50
09	COH, Munirabad	Establishment of Plant Health Clinic at COH, Munirabad	Dr. Ravi Kumar, B, Asst. Professor of Plant Pathology, COH, Munirabad	2013	20.00
10	Director of Research, UHS, Bagalkot	Establishment of infrastructure for quality seed processing plant and seed testing laboratory	Director of Research, UHS, Bagalkot	2011	192.94
11	RHREC Dharwad	Vegetable Seed production	Dr. K. R. Naik	2012-13	3.50
12		Vegetable Seed Production	Dr. S. I. Atahni	2013-14	2.50
13		Small Fruit Nursery	Dr. S. I. Atahni	2013-14	6.25
14		Vegetable Seed Production	Dr. (Smt) B.C. Patil	2013-14	2.50
15		Vegetable Seed Production	Mr. Yashwantkumar K	2013-14	2.50
16	RHREC Bengaluru	NHM Nursery Project	Dr.T.R. Guruprasad	2010-11	6.25
17	HRES Vijayapura	Establishment of new Tissue culture Laboratory	Mr.D.A.Peerajade Assistant Professor of Genetics & Plant Breeding	2011	100.00
18	HRES, Haveri	Establishment of Disease Forecasting Laboratory	Dr. Abdul Kareem, HRS, Haveri	2011-12	4.00
19	HRES, Haveri	Quality Seed Production of Two Important Vegetable Crops	Dr. P.S. Ajjappalavar, HRES, Haveri	2011-12	4.50
20	HRES, Hidkal Dam	Model Nursery	Dr. Anand B. Mastiholi Head, HRS, Hidkal Dam	2010-11	18.00
21	COH, Bagalkot	Establishment of Disease and Pest Forecasting unit with Special Reference to Grape & Pomegranate Biotic stresses	Dr. R.K. Mesta, Professor of Plant Pathology, COH, Bagalkot	2014-15	0.50
<b>Total</b>					<b>602.08</b>

### 1.10.2. Rashtriya Krishi Vikas Yojane :

SL. No	Name of the Station	Title of the Project	Name of the PI	Year of sanction	Total Budget (Rs. In lakhs)
1	PPMC, UHS, Bagalkot	Establishment of climate resilient horticulture promotion center at bagalkot	Dr. Ashok Alur, Special Officer,	2012-13	190.00
2	Director of Extension, UHS, Bagalkot	Establishment of centre for Viticulture and Oenology (Wine research and training institute)	Dr. A. B. Patil,	2012-13	305.00
3	COH, Bagalkot	Establishment of centre for Post Harvest Technology of horticulture crops	Dr. S. L. Jagadeesh, Professor of PHT,	2012-13	305.00
4	PPMC, UHS, Bagalkot	Establishing Centre for Soil, Water & Plant diagnostics at Main campus Bagalkot	Dr. Ashok Alur, Special Officer,	2013-14	325.00
5	Director of Research, UHS, Bagalkot	Establishment of Centre for horticulture Biotechnology	Dr. J. Venkatesha,	2013-14	305.00
6	Registrar, UHS, Bagalkot	Establishing centre for Vegetable Research & Development	Dr. M. B. Madalageri,	2013-14	205.00
7	Education, UHS, Bagalkot	Establishing Horti - business & Export knowledge centre at Main campus, Bagalkot	Director of Education	2013-14	120.00
8	PG, Centre, GKVK Bangalore	Centre for commercially important medicinal and aromatic crops	Dr. K. Umesha Professor of Medicinal and Aromatic Crops,	2013-14	190.00
9	KRCCH, Arabhavi	Information Communication Technology Based IVR System And Responsive Website Project To Reach Unreached Farmers	Dr. M. S. Kulkarni, Dean,	2014-15	20.00
10	COH, Bengaluru	Karnataka Center of Excellence in Foods for Health	Dr. Mallikarjuna Gowda, A. P, Assistant Professor of Plantation Spices, Medicinal & Aromatic Crops,	2014-15	125.00
<b>Total</b>					<b>2090.00</b>

**5.10.3 National Horticulture Board:**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Establishment of Mother Plant Nurseries for high pedigree Planting Material of fruit Crops	Dr. G. S. K, Swamy, Associate Professor, KRCCH, Arabhavi	2010	59.00

**5.10.4 Directorate of Cashew and Cocoa Development Board:**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Frontline Demonstration and Training on Cashew cultivation	Mr. Srinivas N, Asst. Prof. of Fruit Science, COH, Bidar	2010-11	2.83
2	Frontline Technology Demonstration on Cocoa at institutional farm	Dr. J. Venkatesh Dr. H. P. Hadimani	2011-13	0.36
3	Frontline Technology Demonstration on Cashew at farmers field	Venkatesh Hosamani	14.05.2012	1.18
4	Establishment of Polyclonal Garden of Cocoa as an intercrop in Areca nut and Coconut Plantation in Uttar Kannada District	Dr. Vijaykumar. Narayanapur	2012-13	1.51
5	Frontline demonstration on advanced production technologies of cashew in Kolar and Chikkaballapur districts	Dr. B. N. Maruti Prasad	2013	0.22
6	Establishment of Model Nursery for Cashew at HRS, Hogalagere	Dr. Honnabyraiah	19.06.2013	12.50
<b>Total</b>				<b>18.60</b>

**5.10.5 COCONUT DEVELOPMENT BOARD**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Identification of Superior high yielding mother palms of west coast tall cultivar/local cultivar for seed nut procurement, production and distribution of seedlings from the farmers fields in the coastal/transitional zone of Karnataka	Dr. K.M.Indresh, Professor of Horticulture & Dean, COH, Mysore	2011	4.11
2	Concurrent estimation of coconut yield and production in Karnataka	Department of Economics, UHS Bagalkot	2014-15	9.81
<b>Total</b>				<b>13.92</b>

**5.10.6 DEPT. OF BIOTECHNOLOGY (DBT).**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	"Suppression of pomegranate blight and wilt syndrome: Validations and development of delivery systems for field evaluations of identified bio-agents"	Dr. Manjunath, G., Asst. Prof. of Plant Pathology, COH, Bagalkot	2012	54.00
2	Epidemiology and molecular characterization of tospoviruses infecting important horticultural crops	Dr. Amruta Bhat, COH, Bangalore	2013-14	35.16
3	Molecular characterization of Carrot ( <i>Daucus carots</i> var. <i>Sativus</i> L.) and Identification of candidate genes for nutritional quality, root morphology and adaptability traits for tropical region	Dr. Sarvamangala Cholin, Department of CIB, COH, Bagalkot	2014-15	46.49
<b>Total</b>				<b>135.65</b>

**5.10.7 DEPT. OF SCIENCE AND TECHNOLOGY SERB / (DST).**

SL. No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Elicitation of signal transduction pathways for molecular regulation of ripening in Banana: Transcription and development of pre treatment formulations	Dr. Manjunath, G. Dept. of Plant Pathology, COH, Bagalkot, UHS, Bagalkot	2012	19.98
2	Elicitation of Resveratrol and study of Resveratrol synthase gene expression in suspension cell culture of <i>Arachis Hypogaea</i>	Dr. Raghavendra S, Department of CIB, COH, Bagalkot	2013-14	5.50
3	Exploitation of Pesticidal potential of Soil Actinomycetes for crop protection	Dr. Dayamani, K. J, Assistant Professor of Agril. Micro biology, COH, Bangalore	2013-14	15.50
4	Characterization of begomo viruses associated with Ridge gourd: A step towards attaining sustainability in ridge gourd production	Dr. Shankrappa, K.S, Assistant Professor, KRCCH, Arabhavi	2014-15	26.40
<b>Total</b>				<b>67.38</b>

**5.10.8 WATERSHED, GOK (Sujala III)**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Sujala III	Dr. Praveen Naikodi Asst. Prof. SS&AC COH Bidar	2012-13	97.40

**5.10.9 ITBT**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Centre of Excellence for Horticulture Biotechnology Research at Bangalore and Bagalkot	Dr. Fakruddin, COH, Bangalore Dr. Prabhuling G, Directorate of research, UHS, Bagalkot	2013-14	200.00

**5.10.10 .K-FIST, VGST, GOK**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Laboratory for floricultural crop improvement through <i>in vitro</i> mutations	Dr. Shivapriya, Assistant Professor, COH, Bengaluru	2013-14	20.00

**5.10.11. BIOVERSITY INTERNATIONAL, NEW DELHI**

SL.No	Title of the Project	Name of the PI	Year of sanction	Amount (USD)
1	Baseline survey of Biodiversity of monor fruits in Western ghats	Dr. Laxminarayana Hegade, Head, HRES, Sirsi	2013-14	12.60
2	Agro biodiversity baseline survey and intervention in Karnataka, India: Study across PRP 1.1 sites	Dr. Raghavendra Achari, Asst Prof. of Plant Pathology, HRES, Bijapur	2013-14	5.73
<b>Total</b>				<b>18.33</b>

**5.10.12. INDIAN COUNCIL OF AGRICULTURAL RESEARCH**

SL. No	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
1	Integrated Approach to Eradicate Pomegranate Bacterial Blight	Dr. Manjunath, G., Asst. Prof. of Plant Pathology, COH, Bagalkot	2014-15	29.60

### 5.10.13 Ongoing experiments under In-house funding (UHS Bagalkot)

Sl. No	Discipline	Ongoing Projects		Grand Total
		South Zone	North zone	
1	Crop Improvement and Biotechnology	26	16	42
2	Floriculture and Landscape Architecture	10	24	34
3	Fruit Science	23	36	59
4	Plantation, Spices, Medicinal and Aromatic Crops	08	24	32
5	Post Harvest technology	09	12	21
6	Vegetable Science	09	49	58
7	Natural Resources Management and Allied Sciences	12	45	57
8	Plant Protection- Entomology	15	24	39
9	Plant Protection - Pathology	06	30	36
10	Social & Allied Sciences	07	10	17
Total		125	270	395

### 5.11. New External funded projects sanctioned (2015-16).

#### 5.11.1 National Horticulture Mission.

Sl. No	Name of the Station	Title of the Project	Name of the PI	Year of sanction	Amount (lakhs)
01	HRES, Hogalagere	Establishment of model nursery for propagation of fruit crops	Dr. M.K.Honnabyraiah ADREE, HRES Hogalagere	2015-16	23.50
02	COH, Bidar	Establishment of model nursery at Halladakere farm	Dr. Praveen Jhoglikar, Asst. Prof Fruit science	2015-16	24.50
03	RHREC, Bengaluru	Establishment of model nursery for propagation of commercial flowers and ornamental plants	Dr. Seetaramu.G.K Asst.Prof. FLA.	2015-16	25.00
Total					73.00

#### 5.11.2 Rastriya Krishi Vikas Yojane

SL. No	Name of the Station	Title of the Project	Name of the PI	Year of sanction	Total Budget (Rs.In lakhs)
1	HRES Vijayapur	Strengthening of tissue culture laboratory for mass multiplication of pomegranate ( <i>Punica granatum</i> .L) through micro propagation.	Dr.Dadapeer Assistant Professor	2015-16	150.00
2	MHREC Bagalkot	Development of Consortia of Biofertilizer and Biopesticide products for enhanced productivity and soil health in Horticulture	Dr. G. Manjunath Assistant Professor	2015-16	100.00

#### 5.11.3 New in-house projects

Sl. No	Discipline	New Projects		Grand Total
		South Zone	North zone	
1	Crop Improvement and Biotechnology	03	15	18
2	Floriculture and Landscape Architecture	02	07	09
3	Fruit Science	01	02	03
4	Plantation, Spices, Medicinal and Aromatic Crops	04	07	11
5	Post Harvest technology	02	10	12
6	Vegetable Science	02	05	07
7	Natural Resources Management and Allied Sciences	09	08	17
8	Plant Protection- Entomology	02	10	12
9	Plant Protection - Pathology	01	10	11
10	Social & Allied Sciences	02	12	14
Total		28	86	114



## 6

## EXTENSION

University of Horticultural Sciences, Bagalkot has been in forefront to reach the unreachable farmers by the extensive use of ICT technology in effective dissemination of farm technologies. Presently our university is having one KVK and 12 Horticulture Extension Education Units (HEEUs) covering 23 districts coming under its jurisdiction. Various extension activities carried out during 2014-15 are compiled and provided in the form of tables as below

### 6.1. Training Programmes Organized

Sl. No.	Training Programme	Date	Place	No. of farmers	Sponsoring agent
1	Preparation of Value added products in Mango	29.04.2014	Srinivasapura	36	ICAR, KVK
2	Integrated management of major pest and diseases of pigeon pea, groundnut, ragi, field bean and cowpea	15.05.2014	Kolar	60	ICAR, KVK
3	Production technology of important vegetable crops of Kolar district	26.05.2014	Kolar	90	ICAR, KVK
4	Seed treatment and management of diseases in red-gram	27.05.2014	Kallur	25	ICAR, KVK
5	Integrated management of major field crops and demonstration of seed treatment	31.05.2014	Kolar	60	ICAR, KVK
6	Integrated Pest & disease management in major field crops	04.06.2014	Sugatur	100	ICAR, KVK
7	Seed treatment andolan & IPM, IDM in major field & Horticultural Crops	05.06.2014	Malur	100	ICAR, KVK
8	Training & Demo on value added Products of Mango	05.06.2014	Hogalagere	70	ICAR, KVK
9	Composting and vermi composting preparation methods	05.06.2014	Veerapur : Dharwad	150	IFS project and HEEU, Dharwad
10	Training & Demo on value added Products of Mango	06.06.2014	Seekall, Chintamani	55	ICAR, KVK
11	Improved cultivation practices and integrated pest & disease management in major field crops	07.06.2014	Holur	80	ICAR, KVK
12	Seed treatment, seed hardening biofertilizers & IPM in field & Horticultural crops	09.06.2014	Kyasambali	80	ICAR, KVK
13	Good Agriculture Practices in pomegranate	09.06.2014	HEEU, Vijayapura	36	Dept. of Horticulture and UHSB
14	Seed treatment andolan, integrated pest, disease & nutrient management	12.06.2014	Boodikote	80	ICAR, KVK
15	Banana cultivation practices	12.06.2014	COH, Mysore	50	UHSB
16	Importance of IFS	12.06.2014	COH, Mysore	50	RKVY
17	Coconut cultivation practices	16.06.2014	COH, Mysore	45	RKVY
18	Sapota cultivation practices	17.06.2014	COH, Mysore	40	RKVY
19	Biproducs utilization & self entrepreneurship skill from waste cocoons & value added products from mulberry leaves	18.06.2014	KVK, Kolar	50	ICAR, KVK
20	Preparation of value added products from mango	19.06.2014	KVK, Kolar	25	ICAR, KVK
21	Organic farming & integrated pest & disease management in field & Horticultural crops	19.06.2014	Kasaba, Kolar	100	ICAR, KVK
22	Banana cultivation practices	20.06.2014	COH, Mysore	45	RKVY
23	Safe Handling of pesticides integrated pest & disease management	23.06.2014	Kolatur	90	ICAR, KVK
24	Improved cultivation of seed spices	23.06.2014	HRES, Devihosur	110	UHS, Bagalkot
25	Safe Handling of pesticides, importance of biocontrol agents in IPDM	26.06.2014	Malur	90	ICAR, KVK
26	Preservation of Jack pulp	26.06.2014	COH, Sirsi	24	COH, Sirsi
27	Training programme on nutritional garden	27.06.2014	Doddawallabi	38	ICAR, KVK

28	Seed treatment andolan, Integrated pest,& disease management in major crops	05.07.2014	Nagshettihalli	60	ICAR, KVK
29	Value added products to mango	07.07.2014	Srinivaspura	80	ICAR, KVK
30	Importance of Integrated Farming System	10.07.2014	COH, Mysore	75	RKVY
31	Integrated Disease Management	16.07.2014	Punyadahundi, ChamaraJanagar	50	UHSB
32	Importance of soil testing and method of soil sampling	17.07.2014	Haradanahalli, Mysore	40	UHSB
33	Ginger cultivation under shade nets	17.07.2014	COH, Bidar	35	UHSB
34	Jack Seminar	18.07.2014	COH, Kolar	100	UHSB
35	IFS and planting material distribution function	30.07.2014	Sultanpur Tq: Hukkeri	50	RKVY
36	Importance of soil testing and nutrition in Crop production	01.08.2014	COH, Mysore	50	RKVY
37	Importance of soil testing and method of soil sampling	01.08.2014	Shankahalli, Mysore	65	UHSB
38	Production of Vermicompost	07.08.2014	COH, Mysore	53	RKVY
39	Value added products form ragi & market linkage	08.08.2014	Devanpalli	65	ICAR, KVK
40	Improved technologies in sericulture & Importance of nutrition	08.08.2014	Arabikothanur	44	ICAR, KVK
41	Green house and Drip irrigation workshop	08.08.2014	Kolar	80	ICAR, KVK
42	Importance of IFS	11.08.2014	COH, Mysore	60	RKVY
43	Protected Cultivation of Flowers	12.08.2014	KRCCH, Arabhavi	60	UHSB
44	"Improved cultivation practices of black pepper"	13.08.2014	COH, Sirsi	32	UHSB
45	Green house and Drip irrigation workshop	13.08.2014	Kolar	65	ICAR, KVK
46	Bee Keeping and Marketing	13.08.2014	DE Office, Bagalkot	50	UHSB, KVGB, IAT
47	Improved cultivation of chilli, coriander and fenugreek	16.08.2014	HRES, Devihosur	60	UHS, Bagalkot
48	Improved cultivation of chilli, coriander and fenugreek	17.08.2014	HRES, Devihosur	55	UHS, Bagalkot
49	Importance of IFS	18.08.2014	COH,Mysore	55	RKVY
50	Improved cultivation of chilli, coriander and fenugreek	18.08.2014	HRES, Devihosur	110	UHS, Bagalkot
51	Importance of IFS	19.08.2014	COH, Mysore	50	RKVY
52	IFS and planting material distribution function	21.08.2014	Avargol	60	RKVY
53	Coconut cultivation practices	22.08.2014	COH,Mysore	55	RKVY
54	IFS and planting material distribution function	22.08.2014	Noginagalli	65	RKVY
55	Coconut cultivation practices	22.08.2014	COH, Mysore	55	UHSB
56	Coconut cultivation practices	25.08.2014	COH, Mysore	60	UHSB
57	Protected cultivation of high value vegetables	30.08.2014	COH, Bidar	87	UHSB
58	Production technology of flower crops	30.08.2014	COH, Bidar	87	UHSB
59	Nutritional importance for school going childrens (National Nutrition Week)	01.09.2014	Kolar	190	ICAR, KVK
60	Awareness of green leafy vegetables usage in daily life(National Nutrition Week)	02.09.2014	Vakkleri	67	ICAR, KVK
61	Good Agriculture Practices in grape and method demonstration of Preparation of Bordeaux mixture	02.09.2014	HEEU, Vijayapura	42	Dept. of Horticulture and UHSB
62	Importance of nutritional gardening (National Nutrition Week)	03.09.2014	Sugutur	130	ICAR, KVK
63	Improved Nursery techniques in mulberry	03.09.2014	Hoovalli	30	ICAR, KVK
64	Importance of iron rich food products in adolescent girls(National Nutrition Week)	04.09.2014	Narasapur	110	ICAR, KVK
65	Chakramuni- Multivitamin Plant	04.09.2014	COH, Mysore	54	RKVY
66	Importance of breast feeding in lactating mothers(National Nutrition Week)	05.09.2014	Kolar	44	ICAR, KVK
67	Integrated Pest & Disease Management in mulberry	05.09.2014	Yadahalli	35	ICAR, KVK
68	Disinfection & Hygiene Practices in silkworm rearing	06.09.2014	Balagere	30	ICAR, KVK
69	Cultivation practices of Tomato, Chilli and Brinjal	06.09.2014	COH, Mysore	50	UHSB
70	Nursery management of fruit and plantation crops	06.09.2014	COH,Sirsi	35	UHSB

71	Importance of balanced diet in vulnerable groups (National Nutrition Week)	07.09.2014	Koynur	90	ICAR, KVK
72	Integrated pest & Disease Management in potato	08.09.2014	Khadripura	20	ICAR, KVK
73	Safe use of pesticides & Integrated pest management	08.09.2014	Bethamangala	80	ICAR, KVK
74	Improved cultivation of capsicum	08.09.2014	Yelvigi Savanur	65	UHS, Bagalkot
75	Improved cultivation of chilli, coriander and fenugreek	09.09.2014	HRES, Devihosur	50	UHS, Bagalkot
76	Importance of organic manures and biofertilizers in agriculture	09.09.2014	Maidanahalli village, Mysore	50	UHSB
77	Improved cultivation of chilli, coriander and fenugreek	10.09.2014	HRES, Devihosur	60	UHS, Bagalkot
78	Bouquet Making	11.09.2014	Directorate of Extension, Bagalkot	50	UHSB & IAT, Bijapur
79	Awareness of national nutrition week in college going students(National Nutrition Week)	13.09.2014	KVK, Kolar	80	ICAR, KVK
80	Importance of green leafy vegetable and fruits usage in pregnant women (National Nutrition Week)	14.09.2014	Mulbhagilu	180	ICAR, KVK
81	Sustainable Farming System	14.09.2014	COH, Mysore	34	RKVY
82	Sustainable Farming System	14.09.2014	COH, Mysore	30	RKVY
83	Awareness of germinated/sprouted pulses in daily usage(National Nutrition Week)	15.09.2014	Kittondur	45	ICAR, KVK
84	Demonstration on green leafy vegetables, sprouted pulses for school children (National Nutrition Week)	16.09.2014	Kudiynur	225	ICAR, KVK
85	Integrated Nutrient management in Mulberry cultivation	17.09.2014	Sonnipalli	30	ICAR, KVK
86	Importance of vitamin and mineral rich green leafy vegetables(National Nutrition Week)	17.09.2014	Hogalagere	102	ICAR, KVK
87	Awareness programme on healthcare tips for college students(National Nutrition Week)	18.09.2014	Mulbagilu	137	ICAR, KVK
88	Awareness programme on how to eradicate mal nutrition (National Nutrition Week)	19.09.2014	Srinivasapura	250	ICAR, KVK
89	Mulberry varieties, planting system, manures & fertilizer schedule & application	20.09.2014	Nernahalli	30	ICAR, KVK
90	Apiculture	20.09.2014	COH,Sirsi	61	UHSB
91	Protected Cultivation of Flowers and Vegetables	22.09.2014 To 23. 09.2014	Directorate of Extension, Bagalkot	50	UHSB
92	European Beekeeping in North Karnataka	25.09.2014	Kurabagatti : Dharwad	75	HEEU, Dharwad
93	Tree mulberry cultivation	27.09.2014	Kolar	70	ICAR, KVK
94	Protected cultivation of vegetables (water melon, musk melon, cucumber, tomato and capsicum)	27.09.2014	APMC, Kolar	200	UHS, Bagalkot
95	Cultivation practices of Tomato, Chilli and Brinjal	30.09.2014	COH, Mysore	50	RKVY
96	Integrated Disease Management	01.10.2014	Myadanahalli, Mysuru	50	UHSB
97	Disinfection of Silkworm rearing house & Appliances	02.10.2014	Hoovalli	30	ICAR, KVK
98	Importance of Byadgi Chilli	07.10.2014	HRES, Devihosur	50	UHS, Bagalkot
99	Importance of bed Disinfectants in silkworm rearing	10.10.2014	Hoovalli	60	ICAR, KVK
100	Improved cultivation Practices in Groundnut	11.10.2014	Hiranyagowdahalli	30	ICAR, KVK
101	Post Harvest Management of Horticulture Crops	15.10.2014	COH, Mysore	53	RKVY
102	Green house maintenance and cultivation Technology	15.10.2014	KRCCH, Arabhavi	25	UHSB
103	Integrated Pest & disease management in Redgram	16.10.2014	Kallur	30	ICAR, KVK
104	Areca nut husk composting, VAM , <i>Trichoderma viridae</i> preparation, Apiculture and Extension information	16.10.2014	Kodsar village, Siddapur TQ.	63	UHSB
105	Improved technology for increasing productivity in horticulture crops	16.10.2014	Terkanalli Tq. Sirsi	54	RKVY
106	Improved cultivation practices for coconut	16.10.2014	HRES, Arsikere	60	UHSB
107	Post Harvest Management of Horticulture Crops	17.10.2014	COH, Mysore	53	RKVY
108	Integrated Pest & disease management in Tomato & Potato	17.10.2014	Honneganahalli	42	ICAR, KVK
109	Integrated Pest & disease management in Tomato & Potato	17.10.2014	Yadahalli	16	ICAR, KVK
110	Sandal wood cultivation	28.10.2014	KVK Sirsi	41	UHSB
111	Bivoltine silkworm rearing techniques	28.10.2014	Yalduru	50	ICAR, KVK

112	Diseases of tomato, chilli and brinjal and their management	30.10.2014	Myadanahalli, Mysore	50	UHSB
113	Diseases of Tomato, Chilli and Brinjal and their control measures	30.10.2014	COH, Mysore	75	RKVY
114	Importance of Soil and water testing and collection procedure	30.10.2014	COH, Mysore	75	RKVY
115	Soil collection procedure for soil testing	30.10.2014	Anandoor village, Mysore	75	UHSB
116	Improved cultivation practices & Integrated management of Late Blight of Potato	31.10.2014	Kolar	50	ICAR, KVK
117	Training Program on mango stem borer	31.10.2014	Tirumanahalli	120	ICAR, KVK
118	Importance of Honey bees	05.11.2014	COH, Mysore	26	RKVY
119	Diseases of Tomato and chilli and their management	06.11.2014	Chikkanahalli, Mysore	50	UHSB
120	Importance of soil and water analysis and collection procedure for testing	06.11.2014	Chikkanahalli village, Mysore	80	UHSB
121	Diseases of Tomato, Chilli and Brinjal and their control measures	06.11.2014	COH, Mysore	45	RKVY
122	Refresher Course on Bee Keeping and Marketing	06.11.2014	Directorate of Extension, Bagalkot	50	UHSB
123	Importance of soil and water analysis and collection procedure for testing	07.11.2014	Chikkanahalli village, Mysore	90	UHSB
124	Importance of Soil and water testing and collection procedure	07.11.2014	COH, Mysore	45	RKVY
125	Training cum Method Demonstration on Apiculture	11.11.2014	COH, Mysore	30	RKVY
126	Integrated Pest & disease management in Redgram, groundnut & ragi	11.11.2014	Halalihosur	50	ICAR, KVK
127	Training cum Method Demonstration on Apiculture	12.11.2014	COH, Mysore	22	RKVY
128	Integrated Disease Management of horticultural crops	13.11.2014	Myadanahalli, Mysore	25	UHSB
129	Importance of Tissue culture banana	13.11.2014	COH, Mysore	25	RKVY
130	Pest management in vegetable crops	13.11.2014	COH, Mysore	25	RKVY
131	Disease management in vegetable crops	13.11.2014	COH, Mysore	25	RKVY
132	Improved cultivation of Watermelon	13.11.2014	HRES, Devihosur	35	UHS, Bagalkot
133	Training on Apiculture and Interaction	14.11.2014	COH, Sirsi	70	UHSB
134	Trichoderma and its importance	20.11.2014	Myadanahalli, Mysore	31	UHSB
135	Importance of soil and water analysis and method demonstration of soil sampling	20.11.2014	COH, Mysore	31	RKVY
136	Importance of Honey bees and rearing of Honey bees	20.11.2014	COH, Mysore	31	RKVY
137	Importance of Trichoderma in Horticulture	20.11.2014	COH, Mysore	31	RKVY
138	Apiculture and its significance in Agriculture	23.11.2014	Mulamuttal: Dharwad	100	HEEU, Dharwad
139	Demonstration of Soil sampling method in Horticulture and practical experiences of progressive farmer Shri. B.S. Kori	24.11.2014	Maidanahalli village, Mysore	60	UHSB
140	IPM of mulberry leaf roller	26.11.2014	Matnahalli	40	ICAR, KVK
141	Integrated Pest & disease management in Redgram	27.11.2014	Kitundur	70	ICAR, KVK
142	Training on Soil testing and Nutrient Management in Horticulture Crops	28.11.2014	COH, Sirsi	50	UHSB
143	Management of Uzifly in silkworm	29.11.2014	Nadupalli	20	ICAR, KVK
144	Role of Beekeeping in Horticulture	05.12.2014	RHREC, Dharwad	75	IFS project and HEEU, Dharwad
145	Improved technology for increasing productivity in horticulture crops	08.12.2014	Mundgod	130	RKVY
146	Bees as pollinators in enhancing the productivity of horticultural crops	11.12.2014	Mangalgatti: Dharwad	100	HEEU, Dharwad
147	Improved Cultivation Practices in Mango	16.12.2014	Tegur : Dharwad	75	HEEU, Dharwad
148	Improved cultivation of Betel vine and rose	18.12.2014	HRES, Devihosur	30	UHS, Bagalkot
149	Coconut climbing and plant protection	22.12.2014 To 27.12.2014	HRES, Arsikere	20	CDB, Bangalore

150	Improved cultivation practices & integrated pests, diseases management in mango	23.12.2014	Chitnahalli	68	ICAR, KVK
151	Integrated Insect and disease management of horticulture crops	23.12.2014	HEEU, Arsikere	70	UHSB
152	Vermicompost preparation and uses	26.12.2014	Doddaballapura taluk	150	RKVY
153	Sustainable growth through Integrated Farming System	26.12.2014	RHREC, Dharwad	250	IFS project and HEEU, Dharwad
154	Collection of soil sample and nutrient management	27.12.2014	HRES, Arsikere	90	RKVY
155	Management of leaf roller in mulberry	30.12.2014	Matnalli	20	ICAR, KVK
156	Urban Horticulture	05.01.2015 To 08.01.2015	Directorate of Extension, Bagalkot	20	SAMETI(N) UAS Dharwad
157	Plant Protection in Mango	05.01.2015	RHREC, Dharwad	75	HEEU, Dharwad
158	Improved production technology in important field and horticultural crops (Kolar taluk)	05.01.2015 & 06.01.2015	KVK, Kolar	25	ICAR, KVK
159	Integrated farming system	07.01.2015	KVK, Kolar	43	UHSB
160	Improved cultivation of Mango	07.01.2015	HRES, Devihosur	70	UHS, Bagalkot
161	Improved production technology in important field and horticultural crops of Kolar dist	07.01.2015 & 08.01.2015	KVK, Kolar	25	ICAR, KVK
162	Integrated Pest and disease management in important field and Horticultural crops (Bangarpet Taluk)	09.01.2015 & 10.01.2015	KVK, Kolar	31	ICAR, KVK
163	Integrated Pest and disease management in important field and Horticultural crops (Mulbagal Taluk)	12.01.2015 & 13.01.2015	KVK, Kolar	25	ICAR, KVK
164	Cultivation of Flowers to the Farmers	13.01.2015	Yadwad, Tq: Gokak	30	UHSB
165	Integrated Pest and disease management in important field and Horticultural crops (Srinivaspur Taluk)	16.1.2015 & 17.01.2015	KVK, Kolar	25	ICAR, KVK
166	Integrated nutrient management & crop protection in sericulture	21.01.2015	KVK, Kolar	25	ICAR, KVK
167	Good Agriculture Practices in Banana production	21.01.2015	HEEU, Vijayapura	26	Dept. of Horticulture and UHSB
168	Improved cultivation practices of chilli	21.01.2015	Hurlikoppa Savanur	75	UHS, Bagalkot
169	Importance of mechanization and Custom hiring for agriculture and horticulture crops	22.01.2015	Malur	400	ICAR, KVK
170	Pest & disease management of major Horticultural and field crops	27.01.2015	Mopurahalli	30	ICAR, KVK
171	Improved production technologies in sericulture	28.01.2015	KVK, Kolar	25	ICAR, KVK
172	Integrated Pest & disease management in mango	30.01.2015	Gudipalli	55	ICAR, KVK
173	Improved technology for increasing productivity in horticulture crops	30.01.2015	Kolagibis Tq. Sirsi	80	RKVY
174	Improved Cultivation practices in Cashew and cocoa	02.02.2015 To 04.02.2015	COH, Sirsi	130	DCCD Cochin
175	Value addition of soybean	05.02.2015	Kolar	27	UHSB
176	Improved cultivation practices & IPDM in Tomato & Potato	05.02.2015	Kakinetta	30	ICAR, KVK
177	Importance of Soil and water testing and collection process	10.02.2015	COH, Mysore	38	RKVY
178	Soil sampling technique	11.02.2015	Doddaballapura taluk	100	RKVY
179	Importance of Soil Testing and Nutrition in Crop Production	13.02.2015	COH, Mysore	36	RKVY
180	Cashew seminar	13.02.2015	COH, Kolar	120	DCCD, Kochi

181	Importance of Integrated Farming System	14.02.2015	Byadagota, Kushalanagar	54	RKVY
182	Role of Green manuring in Horticultural crops II	16.02.2015	Doddaballapura taluk	100	RKVY
183	Importance of Soil and water testing and collection procedure	19.02.2015	COH, Mysore	55	RKVY
184	Value addition in fruits and vegetables	20.02.2015	COH, Bengaluru	20	RKVY
185	Value addition in fruits and vegetables	20.02.2015	COH, Bengaluru	25	RKVY
186	Value addition in fruits and vegetables	20.02.2015	RHREC, Bengaluru	30	RKVY
187	Importance of processing & value addition in Jack fruit	24.02.2015	Bangarpet	72	ICAR, KVK
188	Value addition in fruits and vegetables	25.02.2015	RHREC, Bengaluru	30	RKVY
189	Importance of Soil Testing and Nutrition in Crop Production	27.02.2015	COH, Mysore	20	RKVY
190	Cultivation practices for chilli, turmeric, and tamarind	28.02.2015 to 02.03.2015	RHREC, Dharwad	250	DASD, Calicut & CSS-MIDH Project
191	Raising of vegetable seedlings in pro-trays	04.03.2015	COH, Mysore	50	RKVY
192	Cultivation practices of vegetables	05.03.2015	COH, Mysore	25	RKVY
193	Importance of Kitchen Garden and fruits and vegetables processing	06.03.2015	COH, Sirsi	99	RKVY
194	Importance of Integrated Farming System	07.03.2015	Chikkahundi Village, Mysuru	55	RKVY
195	Cultivation practices for garlic, ginger and curry leaf	09.03.2015 to 11.03.2015	RHREC, Dharwad	250	DASD, Calicut & CSS-MIDH Project
196	Integrated pest management in Tomato, Chilly and Brinjal	11.03.2015	COH, Mysore	50	RKVY
197	Importance of safe water use & Health	11.03.2015	Matnalli	55	ICAR, KVK
198	Bouquet Making	12.03.2015	Directorate of Extension, Bagalkot	45	UHSB
199	Tomato Seminar	12.03.2015	COH, Kolar	100	UHS, Bagalkot
200	Value Added Products of Tomato	16.03.2015	Directorate of Extension, Bagalkot	50	UHSB
201	Improved technology in Onion Seed Production	16.03.2015	Kuruvinkoppa : Nargund	250	HEEU, Dharwad
202	Safe use of Pesticides & Integrated pest Management	19.03.2015	Hogalgere	60	ICAR, KVK
203	Three days training programme on cultivation practices seed spices and aromatic plants	24.03.2015 to 26.03.2015	RHREC, Dharwad	250	Directorate of Arecanut and Spice Development Calicut
204	Value addition in cashew and apple	26.03.2015	Kolagi, Tq: Mundgod	30	UHSB

### 6.1.1. Abstracts on training programmes organized

Sl. No.	Month	No of trainings	Total Beneficiaries
1	April-2014	1	36
2	May-2014	4	235
3	June-2014	22	1508
4	July-2014	8	490
5	August-2014	23	1423
6	September-2014	37	2931
7	October-2014	22	1152
8	November-2014	26	1157
9	December-2014	12	1078
10	January-2015	18	1085
11	February-2015	17	1137
12	March-2015	14	1369
<b>TOTAL</b>		<b>204</b>	<b>13601</b>



## 6. 2. Training programmes attended by the Scientists as Resource Persons

The scientists of the University were participated as Resource Persons in 69 off campus training programmes involving 6285 participants. The subjects of training were Recent developments in Horticulture, Coconut Climbing and Plant Protection, Management of High Density orchards, Processing of different fruits and Vegetables, Pest and Disease management in Vegetables, Pest and Disease management in Fruit Crops, Nutrient management in fruits and vegetables, Marketing of Horticulture produce, improved cultivation of fruits, vegetables, flowers, spices, plantation and medicinal crops, High-tech Horticulture and Kitchen gardening etc.

Sl. No.	Name of the Topic	Date	Name of the Scientist	No. of Beneficiaries	Organization/Place
1.	Improved cultivation of Horticultural crops	22.04.2014	Sr. Krishna Kurubetta	55	DATC, Devihosur
2.	Bara Nirvahane hagu bele paryaya yojane	23-04-2014	Dr. Vijaymahantesh	50	DATC, Bagalkot
3.	Khuski belegalali besaya kramagalu	23-04-2014	Dr. Vijaymahantesh	50	DATC, Bagalkot
4.	Integrated Farming System	24.04.2014	Sri Krishna Kurubetta	60	DATC, Devihosur
5.	Vanabesaya Thanthrikathe galu	27-4-2014	Dr. Vijaymahantesh	70	DATC, Bagalkot
6.	Bara Nirvahane hagu bele paryaya yojane	27-4-2014	Dr. Vijaymahantesh	45	DATC, Bagalkot
7.	IDM of chilli diseases	30.04.2014	Mr. Abdul Kareem M.	60	DATC, Devihosur
8.	Use of nutrients in horticulture crops	13.05.2014	Sri Krishna Kurubetta	50	DATC, Devihosur
9.	IDM in Horticulture crops	15.05.2014	Mr. Sudharshan	50	KSDA, Hassan
10.	Diseases of Sugarcane and their Management	16.05.2014	Dr. Mahesh Y. S.	50	DATC, Bagalkot
11.	Protected cultivation of Anthurium & Gerbera	17.05.2014	Dr. G. K. Sitaram	60	KSDA, Kanakapura
12.	Awareness programme on Farmers facilities under NHB	26.05.2014	Dr. Anjaneyareddy	150	NHB
13.	Integrated Farming System	29.05.2014	Dr. M. H. Tatagar	100	DATC, Devihosur
14.	Integrated nutrient management	31.05.2014	Dr. Anilkumar K. S.	100	UHSB
15.	Pest management in Sugarcane, Maize, Bajra and Onion	05.06.2014	Mr. Waseem, M. A.	45	DATC, Bagalkot
16.	Adoption of Self employment in Horticulture	09.06.2014	Sri Krishna Kurubetta	400	Kolur, Haveri
17.	Kabbu mathu mekke joladalli adunika besaya kramagalu	12-6-2014	Dr. Vijaymahantesh	40	DATC, Bagalkot
18.	Kharif Workshop	12.06.2014	Dr. Anjaneyareddy	100	KSDH
19.	Value addition in Jack fruit	15.06.2014	Dr. N. Basavaraj	25	Sirsi
20.	Kabbu mathu mekke joladalli adunika besaya kramagalu	19-6-2014	Dr. Vijaymahantesh	45	DATC, Bagalkot
21.	Vanabesaya thanthrikathe galu	02-7-2014	Dr. Vijaymahantesh	50	DATC, Bagalkot
22.	IDM in Horticulture crops	05.07.2014	Mr. Sudharshan	50	KSDA, Arsikere
23.	Diseases of Important Fruit Crops (Mango, Banana, Papaya and Sapota) and their Management	23.07.2014	Dr Mahesh Y. S.	50	KFRC, Bagalkot
24.	Awareness camp on environment	05.08.2014	Sri Krishan kurubetta	200	Devihosur
25.	Importance of Organic farming	12.08.2014	Dr. S. V. Patil	45	Sasimane
26.	Importance of Honey	13.08.2014	Ms. Vijaya Hosamani	30	Directorate of Extension, Bagalkot
27.	Improved cultivation practices of Potato cultivation	08.09.2014	Dr. Anjaneyareddy	20	KSDH
28.	Preparation of wine by amla	16.08.2014	Dr. K. N. Srenivas	25	MPKV Rahuri

29.	Safe use of pesticides	18.09.2014	Dr. Chandrashekar G. S.	100	KSDA, Arsikere
30.	IDM in Horticulture crops	23.08.2014	Mr. Sudharshan	50	KSDA, Arsikere
31.	Production technology of tomato, chilli and capsicum	05.09.2014	Mrs. Jyothi Kattagoudar	30	Tata chemicals
32.	Disease management in major vegetables	05.09.2014	Dr. Devappa	30	Tata chemicals
33.	Pest Management in Protected cultivation of flowers & vegetables	23.09.2014	Mr. Waseem M. A.	30	Directorate of Extension, Bagalkot
34.	Disease management of Flowers and Vegetables under protected cultivation	23.09.2014	Dr. Mahesh Y. S.	30	Directorate of Extension, Bagalkot
35.	Value addition in horticulture crops	23.09.2014	Mr. Chandan K.	50	Mundgod
36.	Protected cultivation of vegetables	27.09.2014	Dr. Anjaneyareddy	120	KSDH
37.	Cultivation of chickpea, jowar and safflower	13.10.2014	Dr. Vijaymahantesh	50	HEEU, Bagalkot
38.	Improved cultivation practices of coconut	16.10.2014	Dr. T. B. Basavaraju	60	HEEU, Arsikere
39.	Compost preparation by Arecanut husk	16.10.2014	Dr. S. V. Patil	43	Siddapur
40.	Value addition in horticulture crops	27.10.2014	Mr. Chandan K.	35	Siddapur
41.	Seed treatment Campaign	28.10.2014	Mr. Sudharshan	50	KSDA, Arsikere
42.	Quality sustainability in food production	31.10.2014	Dr. N. Basavaraj	25	Sirsi
43.	Diseases of Vegetables and Flower crops and their management	14.11.2014	Dr Mahesh Y. S.	50	KFRC, Bagalkot
44.	Improved cultivation practices of Cocoa and Arecanut	18.11.2014	Dr. N. Basavaraj, Dr. S. V. Patil & Dr. N. K. Hegde	35	Siddapur
45.	Diseases of Important Fruit Crops (Mango, Banana, Papaya and Sapota) and their Management	21.11.2014	Dr Mahesh Y. S.	50	KFRC, Bagalkot
46.	Value addition in Coconut	21.11.2014	Dr. N. Basavaraj Mr. Chandan K.	35	Sirsi
47.	Diseases of Pomegranate and their Management	28.11.2014	Dr Mahesh Y. S.	50	KFRC, Bagalkot
48.	Value added products of Coconut	29.11.2014	Mr. Chandan K.	40	Sirsi
49.	IDM in Horticulture crops	03.12.2014	Mr. Abdul Kareem	60	DATC, Devihosur
50.	Diseases of Sugarcane and their Management	05.12.2014	Dr Mahesh Y. S.	50	KFRC, Bagalkot
51.	Post harvest Technology and Value addition in Coconut	19.12.2014	Mr Chandan K.	30	Sirsi
52.	Diseases of Important Fruit Crops (Mango, Banana, Papaya and Sapota) and their Management	23.12.2014	Dr Mahesh Y. S.	50	KFRC, Bagalkot
53.	Organic farming and fertilizer management in coconut	23.12.2014	Dr. Vijaymahantesh	50	Directorate of Extension
54.	Management of waste water in urban horticulture	05.01.2015	Dr. Vijaymahantesh	12	Directorate of Extension
55.	IPM in Important Fruits	06.01.2015	Dr Mahesh Y. S.	50	KFRC, Bagalkot
56.	IDM in Important Horticultural Crops	06.01.2015	Dr Mahesh Y. S.	12	Directorate of Extension, Bagalkot
57.	Improved cultivation practices of Mango	07.01.2015	Dr. M. H. Tatagar	35	HEEU, Devihosur
58.	Compost preparation by Arecanut husk	17.01.2015	Dr. Gurumurthy S. B.	30	Hithalli
59.	Improved cultivation practices in Ginger	19.01.2015	Dr. N. Basavaraj	250	Ramapur
60.	Improved cultivation practices on Chilli	20.01.2015	Dr. P. S. Ajappalavar	55	HEEU, Devihosur
61.	Entrepreneurial opportunities in horticulture	29.01.2015	Dr. Vijaymahantesh	50	RUDSETI, Badami
62.	Improved cultivation practices of Spices and plantation crops	30.01.2015	Dr. N. K. Hegde	45	Sirsi

63.	Improved cultivation practices of Cashew and Cocoa	04.02.2015	Dr. N. Basavaraj	130	COH, Sirsi
64.	Integrated Pest Management	05.02.2015	Dr. G. K. Ramegowda	50	UHSB
65.	Use of coconut climber and improved cultivation practices of coconut	06.02.2015	Dr. N. K. Hegde	35	Sirsi
66.	Flowers as Future crops	07.02.2015	Dr. G. K. Sitharam	6000	KSDH
67.	Soil health in coconut cultivation	09.02.2015	Dr Shivakumar K. M.	25	HRS, Sirsi
68.	Improved cultivation practices of Tomato	12.02.2015	Dr. Anjaneyareddy	25	KSDH
69.	Diseases of Sorghum, Sunflower, Bengal gram, Sugarcane and their Management	18.02.2015	Dr Mahesh Y. S.	50	DATC, Bagalkot
70.	Post harvest management and processing Cocoa	03.03.2015	Mr Chandan K.	30	Sirsi
71.	Processing of fruits and vegetables	06.03.2015	Mr Chandan K.	30	Sirsi
72.	Workshop on kitchen gardening	06.03.2015	Dr. N. Basavaraj	35	Sirsi
73.	Water management in horticulture crops	10.03.2015	Dr. Shivakumar K. M.	100	Sirsi
74.	Improved cultivation practices of chilli	10.03.2015	Mr Shivanand Hongal	30	KVK, Sirsi
75.	Field day on Fennel crop	11.03.2015	Dr. G. K. Ramegowda	40	UHSB
76.	Diseases of Important Fruit Crops (Mango, Banana, Papaya and Sapota) and their Management	12.03.2015	Dr Mahesh Y. S.	50	KFRC, Bagalkot
77.	Protected cultivation in vegetables	18.03.2015	Mrs. Jyothi Kattagoudar	30	HTC, Lalbagh
78.	Integrated pest management	18.03.2015	Dr. Renuka H.	30	HTC, Lalbagh
79.	Micro Irrigation	18.03.2015	Ms. Jayashree Ugalath	30	HTC, Lalbagh
80.	Farmers & scientists interaction meeting	20.03.2015	Mr. Prashanth A.	46	Siddapur
81.	Postharvest Management of Horticultural produce	20.03.2015	Dr. H.C. Krishna	50	HTC, Lalbagh
82.	Seed production and IPM in Chilli	23.03.2015 To 24.06.2015	Dr. M. H. Tatagar Dr. P. S. Ajjappalavar	150	HEEU, Devihosur
83.	Integrated cultivation practices of flowers	23.03.2015	Dr. A. M. Rajesh	25	KSDH
84.	Disease management in Hi-tech horticulture	23.03.2015	Dr. Amruta Bhat	30	HTC, Lalbagh
85.	Processing technology in fruits and vegetables	25.03.2015	Dr. G. K. Sadananda	30	HTC, Lalbagh
86.	Value addition in Cashew apple	26.03.2015	Mr. Chandan K.	56	Kolagi
87.	Integrated cultivation practices of flowers	27.03.2015	Dr. A. M. Rajesh	25	KSDH
88.	Coconut Production technology IFS Farmers	16.05.2014 IFS Unit Bagalkot	Dr. J Venkatesh	--	--
89.	Turmeric Production Technology	09.03.2015 CSS-NHM RHREC Kumbapur	Dr. J Venkatesh	--	--
90.	Production Technology of cocoa at Kalleshawar village, ankola	18.03.2015 Ankola	Dr. J Venkatesh	--	--
91.	Production Technology of Chillies and other spices CSS-NHM	25.03.2015 RHREC, Dharwad	Dr. J Venkatesh	--	--
92.	Training on Improved cultivation of Horticulture crops	22.04.2014 DATC, Haveri	Krishna D. Kurubetta Abdul Kareem. M	55 Farmer	--
93.	Integrated Farming System	24.04.2014 DATC, Haveri	Krishna D. Kurubetta	60 Farmer	--
94.	Training on Improved cultivation of chilli	30.04.2014 DATC, Haveri	Abdul Kareem. M	60 Farmer	--

95.	Delivered lecture on Agronomic practices of <i>Kharif</i> crops.	12.5.2014 Department of Agriculture, DATC, Gangavati.	Dr. Sanjeev Reddi	50 Farmers	Department of Agriculture, Govt. of Karnataka
96.	Nutrient management in Horticultural crops	13.05.2014 DATC, Haveri	Krishna D. Kurubetta	50 Farmer	--
97.	Training on Improved cultivation of Horticulture crops	14.05.2014 DATC, Haveri	Abdul Kareem. M	50 Farmer	--
98.	Participated in the Training programme for 50 Farmer Facilitators of KSDA at KVK, Kandali and delivered lecture on Integrated disease management in important crops of Hassan District.	15.05.2014 KVK, Kandali	Sudarshan G.K	50 Farmer Facilitators from KSDA	KSDA
99.	Participated in the Training programme for 50 Farmer Facilitators of KSDA at KVK, Kandali and delivered lecture on Integrated disease management in important crops of Hassan District.	21.05.2014 KVK, Kandali	Sudarshan G.K	50 Farmer Facilitators from KSDA	KSDA
100.	Organic Farming	29.05.2014 DATC, Haveri	Krishna D. Kurubetta	100 Farmer	---
101.	Self employment opportunities in Horticulture	09.06.2014 S. D.G.R Kolor, Haveri	Krishna Kurubetta	400 Farmer	--
102.	IDM of Ash gourd	14-06-2014 Galagali village	Ambika, D. S.	--	--
103.	Delivered lecture on Agronomic practices of Oil seed crops & Integrated weed management.	16.6.2014 Department of Agriculture, DATC, Gangavati.	Dr. Sanjeev Reddi	50 Farmers	Department of Agriculture, Govt. of Karnataka
104.	Training on Improved cultivation of seeds spices	23.06.2014 HRS, Devihosur	Dr. M. H. Tatagar, Krishna D. kurbetta Abdul Kareem. M	110 Farmer	--
105.	To know about dry land horticulture	3.7.2014	Dr. Anil Kumar, S. STU, UAS, Bangalore	31 BTM and ATM trainees from SAMETI	--
106.	Participated in the Krishi Utsava organized by KSDA, Arsikere delivered lecture on Integrated disease management in important crops of Arsikere Taluk.	05.07.14 Arsikere	Sudarshan G.K	200 Farmers	KSDA Arsikere
107.	To know about dry land horticulture	9.7.2014	Dr. G. K. Ramegowda STU, UAS, Bangalore	30 BTM and ATM trainees from SAMETI	--
108.	To know about dry land horticulture	9.7.2014	Dr. G. Basavaraj STU, UAS, Bangalore	30 BTM and ATM trainees from SAMETI	--
109.	To know about dry land horticulture	-	Dr. G. Basavaraj G. M. Sujith STU, UAS, Bangalore	35 BTM and ATM trainees from SAMETI	--
110.	Black Pepper Cultivation Training Programme.	10-07-2014 Sarkuli, Golimakki	Dr. Laxminarayan Hegde & Dr. Manju	--	--
111.	Integrated Farming System	21.07.2014	Krishna D. Kurubetta	500	--
112.	Integrated Farming System	21.07.2014	Krishna D. Kurubetta	500farmers	--

113.	Parisara Jagrati	05.08.2014	Krishna D. Kurubetta	200	
114.	To know about dry land horticulture	6.8.2014	Dr. G. Basavaraj STU, UAS, Bangalore	40 BTM and ATM trainees from SAMETI	--
115.	Participated in Hobli level Boochethana works shop and delivered lecture on Integrated disease management in important crops of Arsikere Taluk	23.08.14 Gandsi	Sudarshan G.K	50 Farmers	KSDA Arsikere
116.	Delivered lecture on Agronomic practices of <i>Rabi</i> crops.	3.09.2014 Department of Agriculture, DATC, Gangavati.	Dr. Sanjeev Reddi	50 Farmers	Department of Agriculture, Govt. of Karnataka
117.	Training on "Improved cultivation of capsicum"	08.09.2014	Dr. M. H. Tatagar, Dr. P. S. Ajjappalavara, Sri. Krishna Kurubetta, Sri. Abdul Kareem. M.	50	--
118.	Training to IFS farmers on "Improved cultivation of chilli, coriander and fenugreek"	10.09.2014	Dr. M. H. Tatagar, Dr. P. S. Ajjappalavara, Sri. Krishna Kurubetta, Sri. Abdul Kareem. M.	40	--
119.	Delivered lecture on Safety training for awareness on responsible Pesticide Spraying.	10.9.2014 At Devicamp, Karatagi, Raichur dist.	Dr. Sanjeev Reddi	100 Farmers	Coromandal International Ltd., Hyderabad.
120.	Black Pepper Cultivation Training Programme.	11-09-2014 Ummachagi & Anagod(Yallapur)	Dr. Laxminarayan Hegde & Dr. Manju	50	--
121.	Participated in the Training programme on safe use of pesticides	18.09.14 Arsikere	Chandrasekhar	100 farmers	KSDA Arsikere
122.	Participated in Pomegranate growers meeting	25.9.2014 Pomegranate growers meeting at Budakunta Village, Kustagi, Koppal Dist.	Dr. Sanjeev Reddi	30 Farmers	--
123.	Participated in the Training programme on safe use of pesticides	26.09.14 Tiptur	Chandrasekhar	300 farmers	KSDA Tiptur
124.	Participated as Resource person in Training programmes on " <b>Oil Palm – Development</b> " and Delivered lecture on "Oil Palm scenario in world, India & Karnataka and Cultivation practices of Oil Palm "	13.10.2014 Shogane Village, Shivamogga District	Dr. Sanjeev Reddi	25 Farmers	Department of Horticulture, Shivamogga
125.	Participated as Resource person in Training programmes on " <b>Oil Palm – Development</b> " and Delivered lecture on "Oil Palm scenario in world, India & Karnataka and Cultivation practices of Oil Palm "	14.10.2014 Maravalli Village, Shikaripura Taluk, Shivamogga Dist.	Dr. Sanjeev Reddi	100 Farmers	Department of Horticulture, Shivamogga
126.	Participated as Resource person in Training programmes on " <b>Oil Palm – Development</b> " and Delivered lecture on "Oil Palm scenario in world, India & Karnataka and Cultivation practices of Oil Palm "	14.10.2014 Eaduru Village, Sorabha Taluk, Shivamogga Dist.	Dr. Sanjeev Reddi	35 Farmers	Department of Horticulture, Shivamogga

127.	"Seed treatment rally" at Hiriyur, Arsikere taluk.	28.10.2014 Hiriyur, KSDA, Arsikere tq.	Sudarshan G.K	50 farmers of Banavara Hobli of Arsikere taluk	--
128.	Improved Cultivation of Water Melon	13.11.2014 HRES, Devihosur	Dr. M. H. Tatagar Dr. P.S. Ajjappalavara Sri. Krishna Kurubetta Sri. Abdul Kareem. M.	30 farmers	--
129.	Black pepper cultivation training programme	20.11.2014 Hasanagi Yallapur U. Kannada	Dr. L. Hegde	100	
130.	Delivered lecture on Agronomic practices of <i>Rabi</i> crops & Oil Palm.	24.11.2014 Department of Agriculture, DATC, Gangavati	Dr. Sanjeev Reddi	50 Farmers	Department of Agriculture, Govt. of Karnataka
131.	Training programme on "Improved cultivation practices for coconut"	HRS, AICRP on Palms, Arsikere	Dr. T.B.Basavaraj	60 Farmers of Arsikere	--
132.	Improved cultivation practices, varieties and weed management of <i>Rabi</i> crops.	02.12.2014 DATC, Haveri	Sri. Krishna Kurubetta	60 farmers	--
133.	IDM in Horticultural crops	03.12.2014 DATC, Haveri	Sri. Abdul Kareem. M.	60 farmers	--
134.	Organic Farming	03.12.2014 DATC, Haveri	Dr. P.S. Ajjappalavara	60 farmers	--
135.	Value addition of Agricultural products.	04.12.2014 DATC, Haveri	Dr. P.S. Ajjappalavara	60farmers	--
136.	Integrated Pest Management	04.12.2014 DATC, Haveri	Dr. M. H. Tatagar	60farmers	--
137.	Integrated Pest Management on Pigeon pea under National Food Security Mission (NFSM).	11.12.2014 Honnenahalli, KSDA, Tiptur tq	Sudarshan G.K	50 farmers from Tiptur taluk	
138.	Coconut training programme at Turuvekere as participant	18.12.2014	Dr. G. Basavaraj	50 farmers	--
139.	Improved Cultivation of Betel Vine and Rose	18.12.2014 HRES, Devihosur	Dr. M. H. Tatagar Dr. P.S. Ajjappalavara Sri. Abdul Kareem. M.	20 farmers	--
140.	Training on Production technology in Coconut to the farmers of Mandya district.	22.12.2014 HRS, Arsikere KSDH, Mandya	Sudarshan G.K	Farmers of Mandya district on exposure visit.	--
141.	FoCT Coconut climbing and plant protection training programme.	22.12.2014 to 27.12.2014 HRES, Arsikere	CDB, Bangalore	20 rural youths.	--
142.	Integrated Disease and pest management in Horticulture Crops	23.12.2014 HRS, HEEU, Arsikere	Sudarshan G.K	80 farmers participated	--
143.	Vermicompost preparation and uses to crops at villages of IFS phase II, unit-I (Participants: 100) & Unit-II (Participants: 50)	26.12.2014	Dr. Anil Kumar, S. Dr. G. K. Ramegowda (as resource person) Dr. G. Basavaraj Dr. Mamathalakshmi, N.	--	--
144.	Technology adoption and yield enhancement in Coconut.	30.12.2014 Godekere UAS, B and CGA of C.N.Halli	Sudarshan G.K	100 farmers	--

### 6. 3. Filed Visits

The scientists of the University made farmers field visits to diagnose the problems and give solutions to the farming community.

### 6. 4 Demonstrations:

Different demonstrations and farm trials were conducted by the scientists at the farmers fields to validate and popularize the production technologies. The details of these demonstrations are listed below

Sl. No.	Type of Demonstration	Numbers	Result
1	Front Line Demonstration	18	Promotion of improved variety and bio fertilizers, Popularization of improved variety and IPM, Yield optimization through bio fertilizers and pest management, Promotion of improved variety and micronutrient supplementation, Integrated pest and disease management, Integrated pest and disease management, Integrated crop management, Frontline Technology in cashew, Cashew production Technology, Demonstration of Improved variety with Bio fertilizers and Blast management in Ragi, Improved variety and bio fertilizers in groundnut, Improved variety and IPM in red gram, Improved crop management in mango, Recommended IPM and IDM package in cabbage, Resistant hybrid Recommended IPM and IDM package in tomato, Yield maximization through growth regulators in Davana, Effective disinfection of silkworm rearing houses & Appliances in mulberry, Management of uzi fly in silkworm rearing in mulberry, Eco friendly management practices of mulberry leaf roller, Introduction of Vegetable Preservator, Iron rich food supplementation in combating anaemia in adolescent girls, Promotion of improved variety of onion, chilli and bio fertilizers and Integrated pest and disease management, Integrated crop management, Besides, Frontline Technology in chilli and onion were demonstrated.
2	OFT	3	Management of Late blight of Potato, Effectiveness of silkworm rearing bed disinfectants, Assessment of nutritional status of farm women through composite flour mix supplementation
3	Farm Trial	23	Integrated Management of Late blight of tomato, Onion synthetic variety, Arka Bheem (comparison with Arka Kalyan and Arka Pragati), Evaluation of Fenomidone+Mancozeb@0.3% and Azoxystrobin @0.1% in comparison to Metalaxyl + Mancozeb @0.15% against late blight of potato, Agronomic management practices for improving the seed yield of coriander (Ajampur Local ), Effect of different sources of organic manure on growth, yield and quality of cucumber, Bio-efficacy of Cyazypyr 10 OD against insect pests of watermelon, Bio-efficacy of Cyazypyr 10 OD against insect pests of Ridgegourd, Bio-efficacy of Cyazypyr 10 OD against insect pests of Bittergourd, Management of onion thrips, Effect of organic, integrated and inorganic practices on the yield of Cucumber, Effect of organic, integrated and inorganic practices on the yield of Palak, Effect of organic, integrated and inorganic practices on the yield of Menthil, Effect of organic, integrated and inorganic practices on the yield of Radish, Fungicide on potato, Evaluation of Panchagavya against Chilli thrips and mites, Evaluation of Panchagavya against Onion thrips, Development of IPM module for the management of Onion thrips, Development of IPM module for the management of Garlic thrips, Evaluation of Neem formulation to fenugreek leaf eating caterpillar, Agronomic management practices for improving the seed yield of coriander, Response of chilli to graded levels of fertilizers and Jeevamrutha, Evaluation of coriander genotypes for seed yield.
4	Method Demonstration	46	Awareness cum Demonstration on Management of Black headed Caterpillar in Coconut, Ganoderma management, BHC Management in coconut, Soil Sampling techniques, Use of Rhizobium and PSB in pulses, Demonstration on preparation of tomato sauce and orange fruit squash/syrup to farm women, Preparation of Bordeaux mixture, Bordeaux mixture preparation for coconut growers, Value added products of Soybean, Value added products of bajra, Tomato Ketchup preparation, Preparation of squash, RTS, Ketchup and Jam, Soil sampling technique, Layout of perennial vegetable crops(drumstick, curry leaf), Protected cultivation of vegetables (Tomato) and Grafting techniques of Mango, preparation, preservation, labeling and marketing on tomato processing, preparation of Jamun Jam, Popularization on utilization of cashew apple (Jam, Squash and RTS), Preparation of Jamun RTS, Squash and Syrup, Horticultural Technologies, Preparation of mixed fruit jam, ketchup and squash, Preparation of custard apple jam, Water harvesting structures enhancing the moisture content of the soil and helps for the seed germination, Importance of seed in ecosystem and its components, Nutrient mining and Importance of different nutrients for the development of the seed, Message distortion, Rejuvenation of old trees in mango, Banana Sucker Treatment, Use of different insect traps in controlling pests under Integral Pest Management, Nursery Bed Soil Fumigation and Production practices in Rose under salinity conditions. Value addition of fruits and Vegetables into wines, Squashes and jam products and Post Harvest management Of Horticulture Crops, Raising of vegetable seedlings in pro-trays, arecanut husk composting, Processing of fruit pulp, Seed treatment with <i>Trichoderma</i> in Redgram for



		<p>fusarium wilt management, Seed treatment with fungicides and Bioagents in Redgram, Seed treatment with insecticides in groundnut for root grub management, Seed treatment with fungicide in Ragi for blast disease management, Seed treatment with Bio agents in Ragi, Enrichment of FYM with <i>Trichoderma</i> and <i>Pseudomonas</i>, Disinfection of silkworm rearing house, Using bed disinfectants in silkworm rearing, NSKE preparation, Using sticky and uzi traps to control Uzi fly, Popularization of Bhagya variety of drumstick under IFS, Popularization of Fodder crops under IFS, Preparation of Bordeaux mixture preparation for management of downy mildew of grapes and bacterial blight of pomegranate, Cropping systems in coconut- Coconut + Cocoa + Lime + Drumstick, Moisture conservation, Intercropping of Drumstick in coconut, Soil and moisture conservation in coconut-Husk burial in trenches and coconut basins-Mulching with coconut leaves, husk and coir pith, Moisture conservation in coconut- Mulching with coconut leaves, coconut husk and coir pith. IDM for BSR- Neem cake @ 5kg/ palm/ year and <i>Trichoderma viridae</i> @ 125 g/ palm and root feeding of Hexaconazole 5% SC @ 1ml/ 100ml water/ palm at quarterly interval, Features and future of Bhoochetana Programme, growth and development of seed and its ecology and balance of nutrients in nature, Mushroom Production, Preparation of mixed fruit jam and tomato sauce, Preparation of mixed fruit jam and tomato sauce, Preparation of cashew apple mixed jam, Preparation of cashew apple jam, Establishment of medicinal and aromatic garden Germination, its importance and types, Nipping of chilli seedlings, use of trichoderma, installation of Pheromone traps and seed production techniques in vegetables.</p>
<b>Total</b>	<b>90</b>	

### 6.5 Krishi Mela / Field Days Organized

Sl. No.	Event	Date	Place
1	Field day on Cabbage 2014	06.08.2014	Khadripura
2	Field day on Tomato	19.09.2014	Tavag Tq: Gokak
3	Protected cultivation of vegetables (water melon, musk melon, cucumber, tomato and capsicum)	27.09.2014	COH, Kolar
4	Field day on Red gram 2014	28.11.2014	Kallur
5	Bruhat Udyana Mela-2014	12.12.2014 to 15.12.2014	UHS, Bagalkot
6	Field day on Ginger crop	19.01.2015	Ramapura, Tq. Sirsi
7	Field Day on Onion, Chilli, Garlic, Coriander and Methi	28.01.2015	HRES, Devihosur
8	Coconut field day	29.01.2015	HRES, Arsikere
9	Field Day on Sericulture 2015	05.02.2015	Hoohalli
10	Grape Field Day	07.02.2015	UHS, Bagalkot
11	Black pepper Field day cum Demonstration	11.02.2015	HRES, Sirsi
12	Field Day on Davana 2015	23.02.2015	Raisandra
13	Field day on Fennel crop	25.02.2015	GKVK, Bengaluru
14	Field day on Potato 2015	05.03.2015	Khadripura
15	Field day on Fennel crop	11.03.2015	COH Bengaluru
16	Field day on Improved seed production technology in onion by HEEU, RHREC, Dharwad	16.03.2015	Kuruvinkoppa (Naragund)
17	Field day on Fruits and Vegetable Preservator Demonstration	17.03.2015	Matnalli
18	Field day on Cocoa	18.03.2015	Kalleswar, Tq. Ankola
19	Field day on Brinjal, Tomato, and water melon mixed crop	20.03.2015	Hidakal Tq: Raibag

### 6.6 Participation in Krishimelas / Field days by our Scientists

The University scientists participated in different melas and field days organized by the different developmental departments and farm universities. In these melas the stalls were put up by the University.

Sl. No.	Topic	Date	Place
1	Krishi Jayanti	12.05.2014 to 13.05.2014	Sonda, Tq. Sirsi
2	Jack Mela	14.06.2014 to 15.06.2014	Sirsi
3	Upashappa Jatra Mahotsava Krishi Mela-2014	17.08.2014 to 18.08.2014	Kolar, Vijayapur District
4	Krishi Utsav	22.08.2014 to 23.08.2014	Ilkal
5	World Coconut Day, Coconut Board	02.09.2014	IISc Bengaluru

6	22 <sup>nd</sup> AICRP on medicinal and Aromatic plants and Betel vine group meeting	17.09.2014 to 19.09.2014	IIHR, Bengaluru
7	Krishimela	27.09.2014 to 30.09.2014	UAS, Dharwad
8	Dasara Flower Show Exhibition	25.09.2014 to 06.10.2014	Kuppanna park, Mysore
9	Krishimela	14.10.2014 to 16.10.2014	UAS, Raichur
10	Wine Festival-2014		Hubli
11	Krishi Mela -2014	19.11.2014 to 21.11.2014	UAS, Bangalore
12	Krishi Utsav	23.11.2014 to 24.11.2014	Gokak
13	Krishimela	18.12.2014 to 20.12.2014	UAHS, Shivamogga
14	Januvaru, Krishi, Totagarike and Matsya mela 2014	27.12.2014 to 29.12.2014	KVAFSU, Bidar
15	Krishi Mela- 2014	05.01.2015 to 06.01.2015	College of Agriculture, Vijayapur
16	Interstate Horti Sangam	09.01.2015 to 11.01.2015	Lalbagh, Bengaluru
17	Siddapura Utsava	10.01.2015	Siddapura
18	Krishimela, CPCRI, Vitla	10.01.2015	CPCRI, Vitla
19	Wine Festival-2015	16.01.2015 to 17.01.2015	Belagavi
20	Suttur Jatra Mela -2015	17.01.2015 to 22.01.2015	JSS, KVK, Suttur
21	National meet on Distant Hybridization in Horticultural Crops	22.01.2015 to 23.01.2015	IIHR, Bengaluru
22	Krishi Utsava	31.01.2015 to 03.02.2015	Jamkhandi, Bagalkot
23	Krishna Krishi Utsava	01.02.2015 to 03.02.2015	Jamkhandi
24	State level Krishimela - 2015	05.02.2015 to 07.02.2015	SKDRDP, Tiptur
25	Krishi Mela	06.02.2015	KVK, Mattikoppa
26	Kadamba Utsava	07.02.2015 to 08.02.2015	Banavasi, Tq. Sirsi
27	Black pepper Field day cum Demonstration	11.02.2015	HRES, Sirsi
28	Fruits and flower show	17.02.2015 to 19.02.2015	KSDH, Sirsi
29	South Agro vision (Agri Expo)	21.02.2015 to 23.02.2015	Belagavi
30	Horticulture Exhibition	24.02.2015	Kolar, Bidar
31	Pusa Krishi Vigyan Mela- 2015	10.03.2015 to 12.03.2015	IARI, New Delhi
32	Flower and Fruit Show-2015	22.03.2015 to 24.03.2015	KSDH, ZP, Haveri
33	Raita Jatire	30.03.2015 to 31.03.2015	KVK, Sirsi

## 6.7 Radio Talks

The University scientists have given following radio talks and TV interviews for disseminating the technologies

Name of Scientist	Topic	Date	Station	General talk / phone in
Dr. M. S. Kulkarni	Management of Diseases in Horticultural crops	23.04.2014	DD Chandana	Live phone in programme
Dr. G. S. K. Swamy	Importance of nursery in fruit crops	25.04.2014	DD Chandana	General talk
Dr. Jayappa, J.	IPM of pests of Onion	25.04.2014	DD Chandana	General talk
Dr. H. Amarananjundeswara	Advanced mango farming and technologies	26.04.2014	ETV News	General talk
Dr. G. S. K. Swamy	Importance of nursery in fruit crops	21.05.2014	DD Chandana	General talk
Dr. Deepa Terdal	Importance of Jamun fruit	10.07.2014	AIR, Bangalore	General talk
Dr. Manukumar H.R	Cultivation practices of Papaya and Guava	14.07.2014	Akashavani Karwar	General talk
Dr. Mahesh, Y. S.	Disease Management in Grapes	30.07.2014	AIR, Vijayapura	General talk
Dr. B. G. Prakash	Hybrids Vs Varieties in vegetable crops	12.08.2014	AIR, Mysore	General talk
Ms. Vijaya Hosamani	Medicinal values of Turmeric	12.08.2014	AIR, Vijayapura	General talk
Dr. S.V. Patil	Fundamental principles and practices of organic farming & production based organic farming	13.08.2014	AIR, Karwar	General talk
Dr. K.R. Shashidhar	Importance of byproducts of sericulture	16.09.2014	AIR, Bangalore	General talk
Dr. Prasad Kumar	Integrated Pest management in Vegetables	23.09.2014	AIR, Mysore	General talk
Dr. N. K. Hegde	Important plantations and spice crops of	25.09.2014	Prasar Bharati,	General talk

	Uttar Kannada		Karwar	
Dr. Ravindra Mulge	Cultivation of okra	26.09.2014	DD Chandana	General Talk
Dr. N. Basavaraj	Improved cultivation practices of Madahagala	02.10.2014	Akashavani Karwar	General talk
Dr. Shivkumar, K.M	Role of fertigation in horticulture	02.10.2014	Akashavani Karwar	General talk
Mr. Prashantha. A.	Management practices of quick wilt of black pepper	02.10.2014	Akashavani Karwar	General talk
Dr. G. K.Seetharamu	Cultivation of anthurium under shade net condition	17.10.2014	ETV Kannada	Documentary
Dr. G. K.Seetharamu	Cultivation of anthurium under shade net condition	18.10.2014	ETV Kannada	Documentary
Dr. Yathindra, H.A.	Commercial floriculture	22.10.2014	AIR, Mysore	General talk
Dr. H. Amarananjundeswara	Reasons for Potato failure in Chickballapur	23.10.2014	TV9	General talk
Sri. Abdul Kareem, M	Chilli fruit rot	03.11.2014	AIR, Dharwad	Phone in
Sri. Abdul Kareem, M	Rhizome rot in Ginger	06.11.2014	AIR, Dharwad	Phone in
Sri. Abdul Kareem, M	Chilli fruit rot	12.11.2014	AIR, Dharwad	Phone in
Dr. Dhananjaya, B.N	Soil Conservation Techniques	12.11.2014	AIR, Mysore	General talk
Sri. Abdul Kareem, M	Powdery mildew in chilli	14.11.2014	AIR, Dharwad	Phone in
Dr. A. B. Patil	Bruhat Udyana Mela-2014	26.11.2014	AIR, Dharwad	Phone in
Dr. M. H. Tatagar	Leaf curl in chilli	28.11.2014	AIR, Dharwad	Phone in
Dr. A. B. Patil	Bruhat Udyana Mela-2014	02.12.2014	AIR, Bangalore	Phone in
Dr. A. B. Patil	Management of horticultural crops in summer season	02.12.2014	DD Bangalore	Interview
Dr. P. S. Ajjappalavara	Seed production in chilli	02.12.2014	AIR, Dharwad	Phone in
Dr. M. H. Tatagar,	IPM in chilli	12.12.2014	DD Chandana	Phone in
Sri. Krishna Kurubetta	Improved cultivation practices in chilli	13.12.2014	DD Chandana	Phone in
Sri. Abdul Kareem, M	IDM in chilli	13.12.2014	DD Chandana	Phone in
Dr. Ravindra Mulge	Cultivation of bhendi	14.12.2014	DD Chandana	General Talk
Dr. Ravindra Mulge	Cultivation of onion	14.12.2014	DD Chandana	General Talk
Dr. P. S. Ajjappalavara	Seed production in chilli	14.12.2014	DD Chandana	Phone in
Dr.Venkat Rao	Improved banana cultivation practices	30.12.2014	AIR, Mysore	General talk
Dr. Vikram Appanna	Mushroom cultivation	19.12.2014	AIR, Mysore	General talk
Sri. Krishna Kurubetta	Nipping in chilli	01.01.2015	AIR, Dharwad	Phone in
Mr. Harish B S	Prospects of growing medicinal plants in Dakshina Kannada District	15.01.2015	AIR, Mangalore	General Talk
Dr. Vijaymahantesh	Management of striga in sugarcane	06.02.2015	ETV- Annadata	General Talk
Dr. K. Umesha	Fennel cultivation	13.02.2015	DD chandana	General Talk
Dr. K. Umesha	Fenugreek cultivation	13.02.2015	DD chandana	General Talk
Dr. Vijaymahantesh	Importance of Green manures	25.02.2015	AIR, Dharwad	General Talk
Dr. G. K. Seetharamu	Flower cultivation under green house	01.03.2015	DD chandana	Live phone in programme
Dr. H. Amarananjundeswara	Use of Dogridge root stock on Sharad seedless grapes	10.03.2015	ETV Kannada	General Talk
Dr. A. B. Patil	Opportunities of Horticulture crops in Chitradurga district	12.03.2015	AIR, Chitradurga	General Talk
Dr. H. Amarananjundeswara	Thinning and growth regulators on Sharad Seedless	13.03.2015	ETV Kannada	General Talk
Dr. H. Amarananjundeswara	Red Globe production and & Marketing	18.03.2015	ETV Kannada	General Talk
Dr. Ravindra Mulge	Pest management in organic farming of vegetable cultivation	18.03.2015	DD chandana	Krishidarshan General Talk
Mr. K. Tulsiram	Insect pest management in Mango	24.03.2015	DD chandana	Phone in
Yashavantakumar, K.H	Importance and Improved Cultivation Practices of Palak	24.04.14	FM.90.4 MHz UAS,Dharwad	General Talk
Yashavantakumar, K.H	Importance and Improved Cultivation Practices of Onion	25.04.14	-	General Talk
Yashavantakumar, K.H	Importance and Improved Cultivation Practices of Potato	25.04.14	-	General Talk

D. R. Patil	Horticulture research in UHS, Bagalkot	14.05.2014	AIR, Bijapur	General Talk
Sateesh R Patil	Production technology of pomegranate	23.05.2014	AIR, Chitradurga	General Talk
Dr. Vishnuvardhana Professor and Station Head HRS, Hassan	Production Technology of Potato	17.06.14	Hassan	General Talk
	Management of Late blight disease in Potato	17.06.14	Hassan	General Talk
Dr. Vishnuvardhana Professor and Station Head HRS, Hassan	Production Technology of Potato	17.06.14	Hassan	General Talk
	Management of Late blight disease in Potato	17.06.14	Hassan	General Talk
Kantesh Gandolkar	Cultivation and weed management in onion	01.07.14	AIR, Bijapur	General Talk
Dr. J. Venkatesh	Mungaru Krishi santhe Somanahalli Thotagarika Bangalore nirvasane	11.07.14	AIR Bangalore	General Talk
Dr. J. Venkatesh	Dooradharshan Programme Pomegranate, Coconut, Arecanut	07.8.14	TV Station Bangalore	General Talk
Dr. I. B. Biradar	Given Radio talk. programme on IFS and Moisture conservation techniques in dry lands.	01.08.14	UHS, Bagalkot	General Talk

### 6.8 T.V. Programmes given

Name of the Scientist	Topic	Date of		Name of channel
		Record	Broadcast	
D. R Patil	Proceedings of National conference on pomegranate	17-18 <sup>th</sup> April, 2014	--	All kannada channels
C.B.Koujalagi	Use of solar energy in irrigation pump sets	05-05-2014	06-05-2014	T.V. Chandan channel
Sateesh Pattepur	Pomegranate production technology	23-05-2014	24-05-2014	Suvarana and Janashree
Dr. Sanjeevraddi G. Reddi	Intercropping In Oil palm garden	July 11 <sup>th</sup> , 2014	Interview	DD1 [Chandana] Krishi varthe 1.30 PM
Dr. Sanjeevraddi G. Reddi	Importance of Oil palm.	July 16 <sup>th</sup> , 2014	Interview	DD1 [Chandana] Krishi varthe 1.30 PM
Dr. Sanjeevraddi G. Reddi	Basin Management of Oil palm.	July 18 <sup>th</sup> , 2014	Interview	DD1 [Chandana] Krishi varthe 1.30 PM
Kantesh Gandolkar	Sassy Santhe	18.07.2014	31.07.2014.	E- TV
Anand G Nanjappanavar	Nursery Management in Fruit crops	19-07-2014	--	Dooradarshana
Dr. I B Biradar	Drought mitigation techniques in horticultural crops and messages to farmers regarding drought mitigation in all crops.	24.07.2014	24.07.2014	Dooradarshana. Chandana TV
Dr. T.B. Allolli	Regarding Sassya santé and plant multification	21.9.2014	--	DD Chandan
Anand G Nanjappanavar	Nursery Management in Fruit crops	--	Telecasted on 06- 08-2014 around 1.30 pm	Dooradarshana. Chandana TV
Vasanath M Ganiger	Mulching in tomato production	--	18.11.14	E TV kannada
Vasanath M Ganiger	Mulching in Brinjal production	--	26.12.14	E TV kannada
Kantesh. Gandolkar	Plastic mulching in grapes	26.11.14	10.12.14	E TV News Kannada
Sateesh R Patil	Protected cultivation of Gerbera	13.12.14	---	DD Chandana
Sateesh Pattepur	Importance of Gibberlic Acid in grape cultivation	26.11.14	09.12.14	E TV News Kannada
Sateesh Pattepur	Crop management in Grape	26.11.14	11.12.14	E TV News Kannada

## 6.9 Organization of Bruhat Udyana Mela (Mega Horticulture Fair) -2014

University of Horticultural Sciences, Bagalkot organized its 3<sup>rd</sup> Totagarike Mela as **Bruhat Udyana Mela-2014 (Mega Horticulture Fair)** from 12-15 December, 2014 at Udyanagiri campus, Bagalkot in collaboration with NABARD, JISL Pvt. Ltd, Karnataka Vikas Grameena Bank, State Bank of India, NHM, NHB and other Developmental Departments of Govt. of Karnataka. Bruhat Udyana Mela with a main theme on **“Mechanization for Prosperity”** was formally given the start by Dr. T. V. Muniyappa, Hon'ble Member, BOM, UHS Bagalkot on 12.12.2014. Dr. C. Vasudevappa, Vice Chancellor, UAHS Shimogga, Dr. D. P. Kumar, Vice Chancellor, UAS Banaglore, Dr. S. B. Dandin, Former Vice Chancellor, UHS Bagalkot, Dr. Baburajendra Nayak, Smt. Laxmibai Gour, Sri. Govindappa Gujjannavar, Sri. P. S. Suresh, Sri H. K. Srikanta, Hon'ble Members, BOM, UHS Bagalkot, Dr. A. B. Patil, Director of Extension & Chairman, Bruhat Udyana Mela-2014, Dr. J. Venkatesh, Director of Research and other officers were present while starting the programme. Dr. D. L. Maheswar, Hon'ble Vice Chancellor presided over the function. On first day afternoon, Technical session on 'Recent Developments in Pomegranate Cultivation' along with farmers-scientists interactions were organized. Cattle show was also organized on first day of mela.

**Hon'ble Chief Minister of Karnataka, Sri Siddaramaiah** inaugurated the Bruhat Udyana Mela-2014 on 13.12.2014 by way of presenting the bowl of fruits and vegetables to the typically dressed young farmer and farm women. He also inaugurated the farm mechanization exhibition and Jain Drip Irrigation Exhibition Block through remote control button and also released various books, folders, leaflets and technical bulletins of UHS Bagalkot along with unwheeling of stones of UHS civil works. Hon'ble Chief Minister awarded & felicitated the **Best Horticulture Farmer and Farmwomen** of 23 districts coming under the jurisdiction of our university with a memento and a cash prize of Rs. 5000. Sri H. Y. Meti, MLA, Bagalkot presided over the inauguration function. Sri S. R. Patil, Hon'ble Minister for Planning, Statistics, IT, BT & Bagalkot District Minister, Dr. Shamanur Shivashankarappa, Pro-Chancellor & Hon'ble Minister of Horticulture and Agril. Marketing, Sri Mahadeva Prasad, Hon'ble Minister of Cooperatives, Smt Umashri, Hon'ble Minister of Kannada & Culture, Sri Krishna Byregowda, Hon'ble Minister of Agriculture, Sri Veeranna Mattikatti, MLC, Sri Basavaraj S. Horatti, MLC & Member, BOM, Sri J. T. Patil, MLA, Bilagi & Member, BOM, UHS Bagalkot were on the dais. All MLAs, MLCs, Zilla Panchayath Members, Principal Secretary of Horticulture, Director of Horticulture, District Commissioner, Chief Executive Officer, Superintendent of Police, Commissioner R&R and Officers of different Departments of the District were participated and graced the occasion. Dr. A. B. Patil, Director of Extension & Chairman of the mega event welcomed all the chief guests, farmers

and invitees. Dr. D. L. Maheswar, Hon'ble Vice Chancellor presented the introductory remarks. Dr. J. Venkatesh, Director of Research proposed vote of thanks.

On third day of mela, technical session on 'Mechanization in Horticulture', 'Farmers Producers Companies' were organized; where in progressive farmers were actively participated in interactions with the scientists. On this occasion, Farmer Sanganagouda R. Bellihala of Hungund was awarded with **Best Innovative Farmer Award** for his invention of bike operated cultivator. Er. D. P. Tirtha, Er. Chandan S. and Er. Chennabasamma awarded with first, second and third **Best Students Innovation Award** respectively along with a cash prize of Rs.3000. On fourth day of mela, various technical sessions on IFS, Agricultural Finance, Banking Services and Crop Insurance were organized.

All the constituent colleges and research stations exhibited different horticulture technologies, research publications and planting materials of various horticulture crops, on farm demonstrations, experimental fields, indoor exhibition on Fruits, vegetables, plantation, medicinal & aromatic crops, flowers, post harvest technology, important pests & diseases of horticultural crops & their management, soil sampling and seeds of all horticultural crops was the centre of attraction during the mela. Totally 450 stalls by SAUs, ICAR Institutions, Private firms and SHGs exhibited agri-horti inputs/machineries and gave information on developmental programmes and services etc. More than one crore worth agri-horti inputs were found to be marketed during the mela. More than two lakh farmers, farm women, students, children, youth, public, staff of all line departments from all the districts of Karnataka and neighboring states of Maharashtra, Tamil Nadu and Andhra Pradesh witnessed the mega event. All the guests and visitors appreciated the progress made by the university in a short span of five years of its journey and Hon'ble Chief Minister announced the additional land of 800 acres to the university, additional developmental grants and sanction of additional human resources to the university along with supporting the university for implementing the lift irrigation scheme to get immediate water to the experimental fields from Krishna river.

#### **6.10 SMS Advisory Services**

A good beginning is made at the Directorate of Extension to use the ICT in horticulture extension. In this regard, SMS based technical advisory services to the enlisted 12000 farmers was inaugurated on 22.11.2014 during the 6<sup>th</sup> Foundation Day celebration. Sri Basavaraj Horatti, MLC & Member, BOM inaugurated the farmers advisory services through sending SMS in the presence of Sri. H. Y. Meti, MLA, Bagalkot & Member, BOM, Sri. Narayana S Bhandage, MLC, Bagalkot, Sri. J. T. Patil, MLA, Bilagi & Member, BOM & others Members of BOM, UHS Bagalkot.

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## 7

## ADMINISTRATION

All the colleges are headed by the Deans who are responsible for implementing teaching, research and extension activities in the college. The Registrar is responsible for due custody of records and common seal of the University, human resource development and general administration. University Librarian is responsible for the maintenance and management of the University Libraries. Comptroller is responsible for the finance management, while the Estate Officer looks after the development activities of the University.

## 7. ADMINISTRATION

## 7.1 THE STAFF POSITION OF THE UNIVERSITY

EXISTING STAFF POSITION OF THE UNIVERSITY AS ON 31.03.2014 IS MENTIONED BELOW

SL. NO.	PARTICULARS	SANCTIONED	FILLED	VACANT
<b>I</b>	<b>UNIVERSITY MAIN CAMPUS</b>			
	<b>TEACHING</b>			
A	OFFICERS	8	6	2
B	PROFESSOR	7	2	5
C	ASSOCIATE PROFESSOR	15	2	13
D	ASSISTANT PROFESSOR	16	11	5
E	TECHNICAL ASSISTANT	4	0	4
	<b>TOTAL</b>	<b>50</b>	<b>21</b>	<b>29</b>
F	<b>SUPPORTING STAFF</b>	<b>317</b>	<b>106</b>	<b>201</b>
	<b>GRAND TOTAL (A-F)</b>	<b>367</b>	<b>127</b>	<b>240</b>
<b>II</b>	<b>COLLEGES</b>			
	<b>TEACHING</b>			
A	DEAN	8	7	1
B	PROFESSOR	28	16	12
C	ASSOCIATE PROFESSOR	52	17	35
D	ASSISTANT PROFESSOR	201	166	35
	<b>TOTAL</b>	<b>289</b>	<b>206</b>	<b>83</b>
E	<b>SUPPORTING STAFF</b>	<b>421</b>	<b>176</b>	<b>245</b>
	<b>GRAND TOTAL (A-E)</b>	<b>710</b>	<b>382</b>	<b>328</b>
<b>III</b>	<b>HORTICULTURAL RESEARCH STATIONS</b>			
	<b>RESEARCH</b>			
A	PROFESSOR	4	3	1
B	ASSOCIATE PROFESSOR	9	5	4
C	ASSISTANT PROFESSOR	27	22	5
D	TECHNICAL ASSISTANT	3	0	3
	<b>TOTAL</b>	<b>43</b>	<b>30</b>	<b>13</b>
E	<b>SUPPORTING STAFF</b>	<b>172</b>	<b>64</b>	<b>108</b>
	<b>GRAND TOTAL (A-E)</b>	<b>215</b>	<b>94</b>	<b>121</b>
<b>IV</b>	<b>AICRP SCHEMES</b>			
	<b>RESEARCH</b>			
A	ASSOCIATE PROFESSOR	4	3	1
B	ASSISTANT PROFESSOR	13	12	1
C	TECHNICAL ASSISTANT	10	8	2
	<b>TOTAL</b>	<b>27</b>	<b>23</b>	<b>4</b>
D	<b>SUPPORTING STAFF</b>	<b>10</b>	<b>9</b>	<b>1</b>
	<b>GRAND TOTAL (A-D)</b>	<b>37</b>	<b>32</b>	<b>5</b>
<b>V</b>	<b>HEEU'S</b>			



	<b>EXTENSION</b>			
A	ASSOCIATE PROFESSOR	4	0	4
B	ASSISTANT PROFESSOR	17	7	10
	<b>TOTAL</b>	<b>21</b>	<b>7</b>	<b>14</b>
C	<b>SUPPORTING STAFF</b>	<b>9</b>	<b>6</b>	<b>3</b>
	<b>GRAND TOTAL (A-C)</b>	<b>30</b>	<b>13</b>	<b>17</b>
V	<b>KVK</b>			
	<b>EXTENSION</b>			
A	ASSOCIATE PROFESSOR	1	1	0
B	ASSISTANT PROFESSOR	6	6	0
C	TECHNICAL	3	3	0
	<b>TOTAL</b>	<b>10</b>	<b>10</b>	<b>0</b>
D	<b>SUPPORTING STAFF</b>	<b>6</b>	<b>4</b>	<b>2</b>
	<b>GRAND TOTAL (A-D)</b>	<b>16</b>	<b>14</b>	<b>2</b>
<b>ABSTRACT OF STAFF POSITION</b>				
<b>TEACHING / RESEARCH / TECHNICAL</b>				
A	OFFICERS	8	6	2
B	DEAN	8	7	1
C	PROFESSOR	39	21	18
D	ASSOCIATE PROFESSOR	85	28	57
E	ASSISTANT PROFESSOR	280	224	56
F	TECHNICAL/RESEARCH ASSISTANT/FARM MANAGER/PROG. ASST.	20	11	9
	<b>TOTAL</b>	<b>440</b>	<b>297</b>	<b>143</b>
G	<b>SUPPORTING STAFF</b>	<b>935</b>	<b>365</b>	<b>570</b>
	<b>GRAND TOTAL (A-G)</b>	<b>1375</b>	<b>662</b>	<b>713</b>

## 7.2 Human Resource Information System (HRIS)

The Registrar Office has developed the HRIS which provides all the required data like age, designation, qualification, gender, community etc., on the Scientific Human Resource Information to realize the university objectives simultaneously giving importance for achievement of goals of very scientific faculty.

## 7.3 RECRUITMENTS

### 7.3.1 Direct recruitment

The process of Recruitment for various posts notified during the year of 2014-15 under Advt-5 & Advt-6, is going on. Total No. of post called under Advt-5 Teaching - 81 and Non Teaching - 91, posts. Under Advt-6 called 06- Non Teaching posts have been notified.

### 7.3.2 PROMOTIONS

The following staff members working in the university have been promoted as follows during the year

#### i. TEACHERS:

**ORDER NO. R/Rectt/CAS-2006/2013-14, DTD. 30<sup>th</sup> September 2014 & 27<sup>th</sup> March 2015**

Sl. No.	Promoted		No. Of Posts Filled
	FROM	TO	
1	ASSOCIATE PROFESSOR	PROFESSOR	--
2	ASSISTANT PROFESSOR	ASSOCIATE PROFESSOR	--
3	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR with upgradation in AGP	06

**ii. SERVICE PERSONNEL:****ORDER No. R/UHSB /Prom.Order/SP/2014-15 Dtd : 02.02.2015 & 05.02.2015**

SL. NO.	PROMOTED		NO. OF POSTS FILLED
	FROM	TO	
1	JUNIOR ENGINEER (CIVIL)	ASSISTANT ENGINEER (CIVIL)	01
2	STENOGRAPHER	PERSONAL SECRETARY	01
3	ASSISTANT CUM COMPUTER OPERATOR	SENIOR ASSISTANT	40
4	MESSENGER	ATTENDER / LAB ATTENDER	06
5	HELPER	SENIOR HELPER	03
6	WATCHMAN	SENIOR WATCHMAN	10
7	GARDENER	SENIOR GARDENER	02
8	JANITOR	SENIOR JANITOR	01
9	ASSISTANT COOK CUM CARETAKER	COOK CUM CARE TAKER	01
10	FARM LABOUR	SENIOR FARM LABOUR	03
11	G IN DIFFERENT CADRES CARRYING THE PAY SCALE OF RS. 11,600-21,000	FIELD/LAB ASSISTANT	01

**7.4 Retirement of Teachers/ Scientists/ Service Personnel**

SL. NO.	NAME & DESIGNATION OF THE EMPLOYEE	DATE OF RETIREMENT
1.	Sri N.B. Malaghan, Assistant Comptroller, COH, Bagalkot	31.05.2014
2.	Sri. S.M. Savanurmth, Senior Field Assistant, HREC, Devihosur	31.05.2014
3.	Dr. B. Raju, Director of Education, UHS, Bagalkot	30.09.2014
4.	Sri Fakirappa Ullagaddi, Gardener, AICRP, KRCCH, Arabhavi	31.01.2015

**7.5 Foreign Visits by the faculty members**

Sl. No.	Name of The Visitor & Designation	Country Visited	Period	Purpose Of Visit
1.	Dr. M.S.Nagaraja, Associate Professor, COH, Bagalkot	Korea	08.06.2014 to 12.06.2014	20 <sup>th</sup> World Congress of Soil Science
2.	Dr. Nagesh Naik, Professor, KRCCH, Arabhavi	Islamia University of Bahawalpur, Pakistan	24-07-2014 to 25.07.2014	International Workshop and exhibitions
3.	Dr. B. V. Champa, Assistant Professor, COH, Bagalkot	Brisbane, Australia	August 2014	International Horticulture Congress (IHC) 2014
4.	Dr. Suma R., Assistant Professor, COH, Bagalkot	Brisbane, Australia	17.08.2014 to 22.08.2014	Abstract entitled Phosphorus and Sulfur Relations for Enhanced Productivity and Quality of Tomato in Calcareous Soil" 29 <sup>th</sup> International Horticultural Congress
5.	Dr. R.C.Jagadeesha, Professor, KRCCH, Arabhavi	Brisbane, Australia	17.08.2014 to 22.08.2014	29 <sup>th</sup> International Horticulture Congress 2014
6.	Dr. Rekha Chittapur, Assistant Professor, COH, Bagalkot	Brisbane, Australia	17.08.2014 to 22.08.2014	29 <sup>th</sup> International Horticulture Congress 2014
7.	Dr. Sarvamangala Cholin, Assistant Professor, COH, Bagalkot	Brisbane, Australia	17.08.2014 to 22.08.2014	29 <sup>th</sup> International Horticulture Congress 2014
8.	Dr. Ashok Alur, Special Officer(PPMC), UHS, Bagalkot	Swaziland/Mozambique	31 <sup>st</sup> August-2014 to 7 <sup>th</sup> September-2014 at	International Agricultural exhibition
9.	Dr. Laxman Kukanoor, Professor KRCCH, Arabhavi	Poznan, Poland	Poznan, Poland 09.09.2014 to 13.09.2014	International Forum on Agri-Food Logistics

10.	Dr.G.Basavaraj, Assistant Professor Regional orticultural Research and Extension Centre, GKVK, Bangalore	Rome, Italy	From 25 <sup>th</sup> to 26 <sup>th</sup> September, 2014	To present a research article entitled "Analysing pro-poor value chains study of post-rainy season sorghum in Maharashtra state of India"
11.	Dr. N. Basavaraj, Dean, COH, Sirsi	Lumbini, Nepal	from 1 <sup>st</sup> to 4 <sup>th</sup> November-2014	"Introduction of potato in non-traditional area as a livelihood alternative for sustainable agro ecosystem"
12.	Dr.Laxminarayan Hegde, Professor & Head, HREC, Sirsi	Kuwait	From 10.11.2014 to 13.11.2014	To attend "International symposium on Native Plant Production" and to present a research paper abstract entitled "Collection and Conservation of Native Fruit Species of Wastern Ghats of India".
13.	Dr. Shankargouda Patil, Professor & Head COH, Bagalkot	Colombo, Sri Lanka	24. 11.2014 to 27.11.2014	Abstract entitled "Utilization potential of genetic resources of kokum ( <i>Garcinia indica</i> Choisy) in Western Ghats of South India
14.	Dr. H.C.Krishna, Assistant Professor, COH, Bengaluru	CINADCO's Training Centre, Volcani Agricultural Complex, Israel	09.02.2015 to 05.03.2015	R & D course on "Postharvest Physiology, Pathology and Handling of Fresh Commodities"
15.	Dr. Suresh, G. J., Assistant Professor KRCCH, Arabhavi	Wageningen UR Netherland	09.03.2015 to 27.03.2015	Netherland Fellowship Programme (NFP) – 2015 "Governance and food safety in international food chains"
16.	Mr. Basavarajappa, H.R., Assistant Professor KRCCH, Arabhavi	Wageningen UR Netherland	13.04.2015 to 01.05.2015	Netherland Fellowship Programme (NFP) – 2015 "Contemporary approaches to genetic resources conservation and use"
17.	Dr. Jayappa, J., Assistant Professor KRCCH, Arabhavi	Wageningen UR Netherland	01.06.2015 to 19.06.2015	Netherland Fellowship Programme (NFP) – 2015 "Integrated pest Management and Food Safety"
18.	Mr. Vijaykumar Rathod Assistant Professor KRCCH, Arabhavi	Wageningen UR Netherland	29.06.2015 to 17.07.2015	Netherland Fellowship Programme (NFP) – 2015 "Vegetable and potato production for emerging market"
19.	Dr. B. Anjaneya Reddy, Assistant Professor (Pl.Path.), College of Horticulture, Kolar	"North American Late Blight Symposium"	August 8 <sup>th</sup> to 9 <sup>th</sup> 2014 at Minneapolis. Minnesota USA.	Sir Ratan Tata Trust-Travel Grants, Bombay House, Homi Mody Street, Mumbai-400 001
20	Dr. Laxminarayan Hegde	5 <sup>th</sup> Annual conference on medicinally active plants of America, North Dakota State University, Fargo, USA	15-18 June 2014	Effect of application of nutrients and spacings on growth, seed and tuber yields in glory lily ( <i>Gloriosa superba</i> L.)
21	Dr. H. C. Krishna	CINADCO's Training Centre, Volcani Agricultural Complex, Israel.	February 9 <sup>th</sup> - March 5 <sup>th</sup> , 2015 -	Attended International R&D course on "Postharvest Physiology, Pathology and Handling of Fresh Commodities" -
22	Dr. J. Venkatesh, Director of Research, Dr. S. R. Patil, Asst. Professor of Floriculture, Dr. Manjunath G. Asst. Professor of Plant Pathology, UHS, Bagalkot	Brisbane, Australia	17-22 <sup>nd</sup> August 2014	Attended International Horticulture Congress 2014
23	Dr. Basavaraj G. Asst. Professor of Agricultural Economics, RHREC, Bengaluru	Italy	25-26 <sup>th</sup> Sept. 2014	Attended "Global Value Chains for Food and Nutrition Security"
24	Dr. Laxminarayan Hegde.	10-11-2014 to 13-11-2014	Kuwait Institute of Scientific Research, Kuwait	International Seminar on production of native plant species

## 7.6 Study Leave Provided to the Teachers

Sl. No.	Name & Designation	Study Leave Sanctioned For M.Sc. / Ph.D.	Period Of Study Leave	Name Of The University
1	Mr. Raghavendra Achari Assistant Professor of Plant Pathology HRS Bijapur (Tidagundi),	Ph.D.	On part time basis for three semesters	UAS, BANGLORE
2	Mr. Abdul Kareem, M Assistant Professor, (Plant Pathology) HREC, Haveri (Devihosur)	Ph.D.	Personal leave from 27.01.2015 TO 27.05.2015	UAS, DHARWAD
3	Smt. Sandhyarani Nishani Assistant Professor KRCCH, Arabhavi	Ph.D.	On deputation for three semester -	UAS, Dharwad
4	Shri. H. P. Hadimani, Assistant Professor COH, Bagalkot	Ph.D.	On his personal leave from 28.07.2014 TO 20.12.2014	UAS, Dharwad
5	Sri. Rajkumar, M. Assistant Professor COH, Raichur	Ph.D.	On deputation for three semester	UAS, Raichur
6	Shri. Vishwanath, Y.C., Assistant Professor COH, Bagalkot	Ph.D.	On LWP leave from 12.01.2015 to 12.01.2016	PG Centre, Bangalore
7	Shri. Bapurayagouda Patil, Assistant Professor COH, Bagalkot	Ph.D.	On LWP leave from 27.01.2015 to 13.06.2015	UAS, Dharwad
8	Shri. Siddanagouda Yadachi, Assistant Professor COH, Bagalkot	Ph.D.	On LWP leave from 01.03.2015 to 06.09.2016	IARI, New Delhi
9	Shri. Ganeshgouda, I. Patil, Assistant Professor COH, Bidar	Ph.D.	On LWP leave from 01.03.2015 to 13.06.2015	UAS, Dharwad

## 7.7 Important Visitors to the University/Colleges

SL. NO.	NAME OF THE VISITORS	DESIGNATION	DATE	PURPOSE
1.	Group of progressive farmers, Hospet Koppal Districts and SADH, Koppal	Progressive farmers	14.12.2014	Visited the AICRP experimental field
2.	Progressive farmers	Progressive farmers	11.4.2014	Banana cultivation
3.	Dr. Ajaykumar Bharadhwaj	Sr. Scientist, CSSRI, Karnal	13-05-14	To interact with Students
4.	Dr. D. Balaguruvaiah	Professor, Dept. of Soil Science, ANGRU, Hyderabad	14-05-14	External Examiner
5.	Dr. R.K. Pal	Director, NRC on Pomegranate, Solapur, Maharashtra	17 <sup>th</sup> May, 2014	To give key note speech in the National Conference on Pomegranate, & visited the Dept. of PHT
6.	Dr. G. N. Mohan Kumar	Associate Professor, Department of Horticulture and Landscape Architecture, Washington State University, Pullman, USA -	"Health benefits of horticultural crops-cellular and molecular considerations" on 5 <sup>th</sup> August, 2014	

7.	Dr.Benagi, V.I.	Dean, College of Agriculture, Hanamanamatti, Rani Bennur, Haveri District	09.12.2014	Visit to the campus to observe the developments
8.	Dr. Raviprasad Sajjan	Mind and Memory trainer	18.07.2014	Presented workshop on memorizing techniques for competitive exams
9.	Sir Dr. S.H. Kulkarni	Chairman, Indosys Life science Private Limited	29.09.2014	Presented seminar on 'Healthy life'
10.	Dr.B.B.Kaliwal	Hon'ble Vice-Chancellor, Davangere University	06.04.2014	College/Hostel Annual Day programme
11.	Mr.Allamaprabhu Betadoor,	Rtd. Principal, Koppal	06.04.2014	College/Hostel Annual Day programme
12.	Mr.Devendrappa Shankrappa Balutagi	Progressive Farmer, Kustagi	06.04.2014	College/Hostel Annual Day programme
13.	Mr.Y.Srinivas Rao,	Progressive Farmer, Koppal	06.04.2014	College/Hostel Annual Day programme
14.	Dr.Ramkrishna Muddepal	Principal, Karnataka State Reserve Police Training School, Munirabad	17.01.2015	To attend Tingala Habba
15.	Dr. S. Ramesh Babu	Founder Director , Top of the world , Center for Excellence	21.02.2015	To attend TingalaHabba
16.	Shri Annaiah, A.M.,	Head Principal, Chief Conservator of Forests and Administer Bhadra Command Area Development Authority Malavagoppa, Nidige post Shimoga	19-5-2014	Visited the College of Horticulture, Mysore, and saw the different activities going on at the College Campus.
17.	Dr. A.R., Shivakumar	KSCST, IISc, Bangalore	9-7-2014	Visited the College of Horticulture, Mysore, and saw the different activities going on at the college campus.
18.	Dr. N, Balakrishnan	Asst. Director of Horticulture, Radhapur, Tamil Nadu State	7-8-2014	Visited College of Horticulture, Mysore, and saw the different activities going on at the college campus.
19.	Sri V. Laskshman Perumal	Deputy Horticulture Officer Keelapavoor Tamil Nadu	21-8-2014	Visited College of Horticulture, Mysore, and saw the different activities going on at the college campus.
20.	Shri M. Saravanan	Training Officer, NHRDF, Vellore, Coimbatore, Tamil Nadu	21-8-2014	Visited College of Horticulture, Mysore, and saw the different activities going on at the college campus.
21.	Dr. A.D. Senwal	Joint Director & Head, Technology Transfer, DFRL, Siddartha Nagar, Mysore	1-9-2014	Visited College of Horticulture, Mysore and saw the different activities going at the college campus.
22.	Mr. Camille Fravier	Los Angeles, CA	2-9-2014	Visited College of Horticulture, Mysore and saw the different activities going at the college campus.
23.	Mr. Sukumar	Air Marshal, Indian Air Force, Department of Indian Defence, Govt. of India, New Delhi	24-11-2014	Visited the College of Horticulture, Mysore, and saw the different activities going on at the college campus.

## 7.8 Awards and Honours

### Faculty Credential Awards received

Sl. No.	Name of the Faculty	Name of Award	Name of awarding Institution	Date and place of award received
1.	Dr. Laxminarayan Hegde	'Best Citizen of India' Award 2014	International Publishing House, Mir Dard Road, New Delhi-2	April 2014
2.	B. K. Sangamesh, N.Sandhyarani, G.Prabhuling, K. Sumangala, P. Dadapeer, S. Mukund and R.C. Jagadeesha	Awarded Second best poster for the paper <i>in vitro</i> plant regeneration in pomegranate	--	19 <sup>th</sup> June, 2014
3.	Chandrakant, V. Patil, Ramdas, S.V., Shankarappa, K.S. and Kulkarni, M.S	Won the 1 <sup>st</sup> prize in oral presentation on Characterization of begomovirus associated with yellow mosaic disease of ridge gourd in southern India. National seminar cum Workshop on strategies for improvement, enhancing productivity and utilization of cucurbits	National seminar cum Workshop was organized by jointly by Society for promotion of horticulture, IIHR, Bangalore and Central Horticultural Experiment Station, Bhubaneswar	08-10 August, 2014 at Bhubaneswar, Odisha
4.	M. G. Kerutagi.	Sanman from Blood bank Gokak	Rotary Club Gokak	14.09.2014 at Gokak
5.	Dr. Kiran Kumar, K.C	Best Poster (II Prize)	UHS, Bagalkot and Karnataka state Dept. of Horticulture (National conference on Challenges and Opportunities for Production & Supply chain of Pomegranate)	17-19 <sup>th</sup> June, 2014
6.	Dr. H. B. Lingaiah	Nomination as convener of Horticulture and Sericulture disciplines to support 5 <sup>th</sup> Deans' committee on "Higher Agricultural Education in India"	DARE and Director General, ICAR	-
7.	Dr. N. Basavaraj	Certificate of recognition	AVRDC, Taiwan	2014 Taiwan
		Sadhana Rashtriya Puraskara	Karnataka Vidya Vardhak Sangha and Sadhana Rashtriya N Chintana Vedike, Dharwad	2015 Dharwad

### 7.9 NATIONAL, INTERNATIONAL, STATE & DISTRICT LEVEL SYMPOSIUM / CONFERENCE / SEMINAR / WORKSHOP / TRAININGS ETC. ATTENDED

SL. NO.	NAME OF THE SCIENTIST / TEACHER	NAME OF WORKSHOP TRAINING / MEETINGS / SYMPOSIUM ETC.	DATE & PLACE	ORGANIZED BY
<b>Main Campus</b>				
1.	Mrs. Vijaya Hosamani	Recent advance in educational technology	02 July 2014 to 22 July 2014 Rajendranagar Hyderabad	National academy of Agricultural Research Management Rajendranagar Hyderabad
2.	Mr. Gireesh Ganjihal	To visit Central Library ANGRAU, Hyderabad	Central Library ANGRAU on 18 <sup>th</sup> to 19 <sup>th</sup> August-2014 at Hyderabad	
3.	Dr. Sachinkumar Nandimath	Capacity development programme on "Appropriate Technologies and	ICRISAT, Hyderabad, Patancheru, Telangana	ICRISAT, Hyderabad,

		Innovative Approaches for Agriculture Knowledge Sharing-II"	from 1 <sup>st</sup> to 4 <sup>th</sup> September-2014	
4.	Dr. K. Umesh, Dr. A. P. Mallikarjun Gowda Dr. V. P. Singh and Dr. Y. C. Vishwanath	XXII Group meeting of AICRP on Medicinal & Aromatic Plants & Beetelvine	IIHR, Bangalore scheduled from 17 <sup>th</sup> to 20 <sup>th</sup> September-2014.	IIHR, Bangalore
5.	Mr. B. L. Tamadaddi	Short course of advance technology on in land and water remediation and management	From 15 Sept-2014 to 24 Sept-2014 at Central Soil Salinity Research Institute Karnal, Hariyana.	Central Soil Salinity Research Institute Karnal, Hariyana.
6.	Dr. Prabhuling G.	Discuss research activities regarding crop improvement and biotechnology in pomegranate under ITBT, GoK funded project	NRCP, Solapur on 10 <sup>th</sup> October-2014	NRCP, Solapur
7.	Dr. M. S. Nagaraj, Dr. S. M. Prasanna, Dr. R. Suma, Mr. Anand G., Dr. Raghunath Reddy, Dr. Yogeeshappa H., Dr. R. S. Javadgi, Dr. Sayeed Almas R. Mulla, Dr. Anil Kumar S. and Dr. M. Shivanna	"Soil Science & plant Analysis on Grapes-Interpretations and Recommendations"	IIHR, Bangalore, 13 <sup>th</sup> to 15 <sup>th</sup> October-2014	IIHR, Bangalore
8.	Mr. G. K. Seetharamu, Dr. B. S. Kulkarni and Dr. Satheesh R Patil	"National Conference on Dynamics of Urban and Peri-urban Horticulture"	21.10.2014 at New Delhi	PHD Chamber of Commerce and Industry, New Delhi
9.	Dr. Indires, K. M.	National seminar on "Emerging Problems of Potato"	1 <sup>st</sup> to 2 <sup>nd</sup> November-2014 at CPRI, Shimla, Himachal Pradesh	Central Potato Research Institute (CPRI), Shimla, and the Indian Potato Association(IPA)
10.	Sri. Sudheesh Kulkarni, Dr. Jagadeesh S. K.	short course on <b>"Advances in production of quality planting materials in plantation crops"</b>	<b>18<sup>th</sup> to 27<sup>th</sup> November-2014</b> at Central Plantation Crops Research Institute, Regional Station, <b>Kayamkulam</b>	Central Plantation Crops Research Institute, Regional Station, <b>Kayamkulam</b>
11.	Dr. C. B. Koujalagi, Dr. M. G. Kerutagi, Dr. Tanveer Ahmed, Mr. Shripad Vishweshwar, Dr. Mangala K. P.	22 <sup>nd</sup> Annual Conference of Agricultural Economics Research Association(India)"	UAS, Raichur from 18 <sup>th</sup> to 20 <sup>th</sup> November-2014	Department of Agricultural Economics, UAS, Raichur
12.	Mr. R. Siddappa	Winter School on "Participatory Extension Research and Management"	Maharana Pratap University of Agriculture Technology, Udaipur, Rajasthan held between 2 <sup>nd</sup> to 22 <sup>nd</sup> December-2014	Maharana Pratap University of Agriculture Technology, Udaipur, Rajasthan
13.	Dr. Shankar Meti	"Analysis of MODIS satellite based NPP of Rubber growing areas in traditional region of India" to the upcoming plantation Crop Symposium (PLACROSYM 2014)	Kozhicode, Kerala during 10 <sup>th</sup> to 12 <sup>th</sup> December-2014	--
14.	Dr. Sachinkumar Nandimath	National workshop on NISAGENET for "Appraisal cum validation of data"	Agriculture College and Research Institute, Madurai, Tamil Nadu from 08 <sup>th</sup> to 9 <sup>th</sup> January-2015	organized by Indian Council of Agricultural Research (ICAR)
15.	Mr. Viresh M Hiremath	21 days training programme on "Advances in Food Processing	Centre for Advanced Faculty Training Post	

		Technologies for value Addition and Enterprise Development	Graduate & Research Centre, PJTSAU, Rajendranagar, Hyderabad from 21 <sup>st</sup> January-2015 to 10 <sup>th</sup> February-2015	
16.	Mr. Gireesh Ganjihal, Smt. Girija Endigeri	Southern region Training and Awareness workshop on J-Gate@CeRA	23 <sup>rd</sup> January-2015 at Professor Jayashankar, Telangana State Agricultural University, Rajendra Nagar, Hyderabad, Telangana	
17.	Mrs. Vijaya Hosamani	Short course on "Teaching competency through innovative methods"	From 28.01.2015 to 06.02.2015 at NAARM, Hyderabad	NAARM, Hyderabad
18.	Dr. A. B. Patil	"Annual Training Planning Workshop of MANAGE, EEI & SAMETIS"	during 28-29, January-2015 at MANAGE, Hyderabad	MANAGE, Hyderabad
19.	Dr. Vijaymahantesh	"Advances in Land Resource Inventory for Enhancing Productivity through Agro Technology Transfer"	from 03 <sup>rd</sup> to 23 <sup>rd</sup> February-2015 at Nagpur, Maharashtra	NBSS & LUP
<b>Horticulture Colleges, UHS, Bagalkot</b>				
40	Mr. Ramesh A. P.	Library and Information Science	05.06.2014 to 02.07.2014	UGC, Academic Staff College, University of Calicut, Calicut Kerala
41	Dr. Y. K. Kotikal	Holistic Rural Development	20.06.2014 to 24.06.2014	Mount Abu
42	Dr. M. B. Madalgeri	Holistic Rural Development	20.06.2014 to 24.06.2014	Mount Abu
43	Dr. Shivanand Hongal	Current trends in Quality Potato Production, Processing and Marketing	08.07.2014 to 28.07.2014	Central Potato Research Institute, Shimla
44	Dr. Sadanand K. Mushrif	Advances in Molecular Diagnostics of Emerging Plant Diseases for Biosecurity	01.08.2014 to 21.08.2014	IIHR, Bangalore
45	Dr. Shivapriya, M	Research paper abstract entitle "Characterization of muskmelon local types of Karnataka for yield attributing traits National Conference on Strategies for Improving Production, Productivity and Utilization of Cucurbits	08.08.2014 to 10.08.2014	Bhubaneswar
46	Dr. S. N. Patil	Recent advances in temperate fruit production	20.08.2014 to 09.09.2014	Dr. YSP, UHF, Nauni, Solan HP
47	Dr. Shivapriya, M	Leadership and career development for women scientists and technologists	08.09.2014 to 12.09.2014	National institute of advanced studies, Bangalore
48	Smt. Manjula Karadiguddi	Hitech interventions in fruit production for enhancing productivity, nutritional quality	09.09.2014 to 29.09.2014	Mahatma Phule Krishi Vidyapeeth, Rahuri, Dist



		and value addition		Ahmednagar, Maharashtra
49	Mr. Nataraja, K.H	Hi-tech interventions in fruit production for enhancing productivity, nutritional quality and value addition	09.09.2014 to 29.09.2014	Mahatma Phule Krishi Vidyapeeth, Rahuri, Dist Ahmednagar, Maharashtra
50	Mr. Vijayakumar Rathod	New Paradigms in Heterosis Breeding: Conventional and Molecular Approaches	10.09.2014 to 30.09.2014 at Pantnagar, Uttarakhand	Department of Genetics and Plant Breeding, College of Agriculture, G. B. Pant University of Agriculture & Technology,
51	Ms.Jyothi Kattagoudar	New paradigms in heterosis breeding conventional and molecular approaches	10.09.2014 to 30.09.2014	Pantnagar
52	Dr. B. V. Champa	abstract & paper entitle "ಅಂಶಗಳ ವಿಶ್ಲೇಷಣೆ ಮತ್ತು ಮೌಲ್ಯವರ್ಧನೆ" (DgiJ ; r) UlgAvAzAvPA DzAj vA ಅಕ್ಟೋಬರ್ 10 <sup>th</sup> Kannada vijnana Sammelana	15.09.2014 to 17.09.2014	Mysore
53	Dr. Raghunatha Reddy R.L	Advanced Technologies in Land and Water Remediation and Management	15.09.2014 to 24.09.2014, Karnal, Haryana	Central Soil Salinity Research Institute, Karnal, Haryana
54	Mr. Ramesh, A. P.	Central Library	18.09.2014 to 19.09.2014	Acharya N G Ranga Agricultural University (ANGRAU), Hyderabad
55	Dr. Bhuvaneswari G.	Post Harvest Management & Processing of potato for increasing food security	22.09.2014	UAS Campus, Dharwad
56	Dr. M. G. Kerutagi	Micro Finance in Sustaining Small Holder Agriculture	24.09.2014 to 25.09.2014	Dharmasthala.
57	Dr. C.B. Koujalagi	Micro Finance in Sustaining Small Holder Agriculture	24.09.2014 to 25.09.2014	Dharmasthala.
58	Dr. K. S. Shankarappa	Training Workshop on Bioinformatics	27.10.2014 to 01.11.2014 Bangalore	The UGC-Networking Resource Centre, Department of Microbiology & Cell Biology, Indian Institute of Science, Bangalore
59	Mr. Vijaykumar, B. Narayanpur	Recent trends in value addition of subtropical fruits for nutritional security and secondary agriculture	05.11.2014 to 25.11.2014	CISH, Lucknow
60	Mr. Srinivas, N.	Recent trends in value addition of subtropical fruits for nutritional security and secondary agriculture	05.11.2014 to 25.11.2014	Central Institute of Subtropical Horticulture, Lucknow
61	Mr. Kawale Nagendra	Entrepreneurship development through Agro Processing Centre	05.11.2014 to 14.11.2014	College of Agricultural Engineering, Raichur

62	Dr. Shivanand Hongal	Abstract entitled "Variability studies in snake gourd ( <i>Trichosanthes cucumerina</i> L.) 6 <sup>th</sup> Indian Horticulture Congress 2014 on "Horticulture for inclusive growth	06.11.2014 to 09.11.2014	Tamil Nadu Agricultural University, Coimbatore
63	Dr. Ratnakar, M. Shet	abstract entitled "Genetic Variability Studies for the improvement of Sambar Southe ( <i>Cucumis melo</i> var. <i>conomon</i> ) cultivars of western ghats of Karnataka 6 <sup>th</sup> Indian Horticulture Congress – 2014	06.11.2014 to 09.11.2014	Tamil Nadu Agricultural University, Coimbatore
64	Mr. Shiddanagouda Yadachi	Renewable Energy Sources as Option for Mitigating Climate Change	from 06.11.2014 to 26.11.2014	
65	Dr. B. V. Champa	abstract & paper entitle "Genetic diversity studies using morphological and molecular (RAPD) markers in Jasmine species" for presentation in the 7 <sup>th</sup> National Women's Science Congress	07.11.2014 to 09.11.2014	Bijapur
66	Dr. Manu Kumar, H.R	Application of Biotechnological Tools and Bioinformatics in Agriculture	12.11.2014 to 02.12.2014	Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut
67	Dr. Mohan Kumar, S.	Application of Biotechnological Tools and Bioinformatics in Agriculture	12.11.2014 to 02.12.2014	Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut
68	Dr. Chidanand, P. Mansur	Ecosystem Services of Agroforestry Systems	17.11.2014 to 21.11.2014	ICRISAT, Patancheru, Telangana
69	Dr. T.B. Allolli	Ecosystem Services of Agroforestry Systems	17.11.2014 to 21.11.2014	ICRISAT, Patancheru, Telangana
70	Mr. Prakash	Ecosystem Services of Agroforestry Systems	17.11.2014 to 21.11.2014	ICRISAT, Patancheru, Telangana
71	Mr. Kumar, B.R.	Ecosystem Services of Agroforestry Systems	17.11.2014 to 21.11.2014	ICRISAT, Patancheru, Telangana
72	Veerendra Pratap Singh	Advances in production of quality planting materials in plantation crops by the education division of ICAR	18.11.2014 to 27.11.2014	Central Plantation Crops Research Institute Station Kayamkulam, Kerala
73	Mr. Itigi Prabhakar	Participatory Extension, Research and Management	02.12.2014 to 22.12.2014	Maharana Prathap University of Agriculture Technology, Udaipur
74	Dr. S. G. Gollagi	Protected Cultivation	04.12.2014 to 24.12.2014	University of Agricultural Sciences, Dharwad
75	Dr. Suvarna Patil	Protected Cultivation	04.12.2014 to 24.12.2014	University of Agricultural Sciences, Dharwad

76	Dr. Champa, B.V	Protected Cultivation	04.12.2014 to 24.12.2014	University of Agricultural Sciences, Dharwad
77	Dr. Mangesh	Entrepreneurship development through Agro Processing Centre	Raichur 21.01.2015 to 30.01.2015	College of Agricultural Engineering, Raichur
78	Miss. Suhasini Jalawadi	Teaching competency enhancement through innovative methods	(NAARM), Hyderabad 28.01.2015 to 06.02.2015	National Academy of Agricultural Research Management (NAARM), Hyderabad
79	Dr. S. G. Gollagi	Teaching competency enhancement through innovative method	28.01.2015 to 06.02.2015	National Academy of Agricultural Research Management (NAARM), Hyderabad
80	Mr. Nataraja, K.H	Teaching competency enhancement through innovative methods	28.01.2015 to 06.02.2015	National Academy of Agricultural Research Management (NAARM), Hyderabad
81	Dr. Ramanagouda Hadlageri	Teaching competency enhancement through innovative methods	28.01.2015 to 06.02.2015	National Academy of Agricultural Research Management (NAARM), Hyderabad
82	Ms. Jyothi Kattagoudar	Teaching competency, enhancement through innovative methods	Telangana 28.01.2015 to 06.02.2015	
83	Dr. Gangadhar Narabanchi	Taxonomy of Insects and Mites	GKVK, UAS, Bengaluru 03.02.2015 to 23.02.2015	Organized by Department of Entomology, GKVK, University of Agricultural Sciences, Bengaluru
84	Sayeed Wajeed R. Mulla	Utilization of Microbial and Plant Genomic Resource for Plant Disease Management	College of Agriculture, Dharwad 05.02.2015 to 25.02.2015	Organized by Department of Biotechnology College of Agriculture, Dharwad sponsored by ICAR NICHE Area of Excellence
85	Mr. Basavarajappa, H.R.	Non – Radioactive Method Of Gene Detection In Microbes/ Gm Crops	ICAR, New Delhi 16.02.2015 to 21.02.2015	NRC for Plant Biotechnology, ICAR, New Delhi
86	Dr. Raghavendra S.	Elicitors induced effect on resveratrol production in suspension cultures of Arachies hypogeal	Davangere 26.02.2015 to 28.02.2015	Lifescience department, Davangere University, Davangere
87	Ms. Aswathi Jyothsana, O.R.	Study Tour Programme-2014 at Seoul, South Korea from, sponsored by the (AAACU)-SNU	22 <sup>nd</sup> June to 5 <sup>th</sup> July, 2014	Asian Association of Agricultural College and Universities
88	Dr. Indiresha K M	Personality Development course on "Capacity Building for Efficiency of Man-Power"	25 <sup>th</sup> & 26 <sup>th</sup> June, 2014	COH, Mysore
89	Dr. Sangeetha C.G.	Summer School on "Advances in molecular diagnostics of emerging	1 <sup>st</sup> August to 21 <sup>st</sup> 2014.	Division of plant pathology, Indian

		plant diseases for biosecurity"		Institute of Horticultural Research, Bangalore,
90	Mr. Shivayogi Ryavalad	21 days summer school on "New Frontiers in Hybrid Seed Production and Genetic Purity Testing"	August 05 <sup>th</sup> to 25 <sup>th</sup> 2014 at Anand Agricultural University, Gujarat	Anand Agricultural University, Anand, Gujarat -388110,
91	Dr. Mangala, K.P.	Orientation training programme,	14 <sup>th</sup> August to 10 <sup>th</sup> September 2014 UGC Administrative Staff College Mysore,	University of Mysore, Manasgangothri
92	Dr. Ashoka, N.	21 days IARI Centre of Advanced Faculty Training (CAFT) on "Innovations and Agribusiness for Inclusive Agricultural Growth"	09.09.2014 to 29.09.2014 Indian Agricultural Research Institute (IARI) NEW Delhi-	Indian Agricultural Research Institute (IARI) NEW Delhi-110012 under the sponsorship of Indian Council of Agricultural Research (ICAR) NEW Delhi.
93	Dr. J.S. Aravinda Kumar	21 days CAFT training on "Modern tools and techniques for plant breeding in the era of genomics"	12.11.2014 to 02.12.2014 Coimbatore	Coimbatore,
94	Ms. Swetha, B.S.	21 days ICAR Training programme on "Participatory Extension, Research and Management"	02.12.2014 to 22.12.2014 Udaipur,	Maharana Prathap University of Agriculture Technology, Udaipur, 313001(Raj),
95	Dr. Yogeeshappa, H	21 days winter school on " Waste recycling and resource management through rapid composting techniques"	03.12.2014 to 23.12.2014 Indian Institute of Soil Science (IISS) Nabibagh, Berasia Road, Bhopal	Indian Institute of Soil Science (IISS) Nabibagh, Berasia Road, Bhopal - 462038 (M.P) under the sponsorship of Indian Council of Agricultural Research (ICAR) NEW Delhi-110114.
96	Dr. Ashok Surwenshi	National seminar on National Workshop on "Promoting Integrated Farming System in IWMP: Critical Issues"	11.12.2014 to 12.12.2014 NIRD, Hyderabad,	NIRD, Hyderabad,
97	Ms. Rashmi, H.B.	21 days Training Programme on "Advances in Food Processing Technologies for Value Addition and Enterprise Development"	21.01.2015 to 10.02.2015 Hyderabad	Centre for Advanced Faculty Training, Professor Jayashankar Telangana State Agricultural University, Post – Graduate and Research Center, College of Home Science, Hyderabad
98	Dr. K.R. Vasudeva.	short course on "Entrepreneurship Development Through Agro-Processing Centres"	21.01.2015 to 30.01.2015 UAS, Raichur,	College of Agricultural Engineering, UAS, Raichur,

99	Dr.Byasigideri Doddabasappa	Short course on "Teaching Competency Enhancement through Innovative Methods"	18.02.2015 to 27.02.2015 NAARM, Hyderabad	NAARM, Hyderabad
100	Dr. Manjunatha Reddy	Short course on "Teaching Competency Enhancement through Innovative Methods"	18.02.2015 to 27.02.2015 NAARM, Hyderabad from	NAARM, Hyderabad
101	Mr. Shankar Reddy	Refresher Course in Library and Information Sciences,	10.03.2015 to 30.03.2015 College Kumaun University, Nainital,	Academic Staff College Kumaun University, Nainital,
102	Dr. B. Anjaneya Reddy	Tenure track post of Senior Scientist (Legume-cereal-pathologist)	period of three years Hyderabad	ICRISAT, Hyderabad
	<b>RHREC/MHREC/HRS</b>			
103	Dr. Raveedra, S. Javadagi	National conference on "Horticulture Industry in India with special reference to Karnataka"	College of Agriculture Bijapur, UAS, Dharwad from 12 <sup>th</sup> to 14 <sup>th</sup> February-2014	
104	Dr.Ragavendra Achari	National conference on "Horticulture Industry in India with special reference to Karnataka"	College of Agriculture Bijapur, UAS, Dharwad from 12 <sup>th</sup> to 14 <sup>th</sup> February-2014	
105	Dr.Aswathnarayana Reddy	Nomination of scientists for attending Training Programme	22-24 <sup>th</sup> April,2014 at ICAR Complex,Ela,Old Goa	
106	Dr.R.T.Patil	Nomination of scientists for attending Training Programme	22-24 <sup>th</sup> April,2014 at ICAR Complex,Ela,Old Goa	
107	Dr. G.K. Ramegowda	Nomination of scientists for attending Training Programme	22-24 <sup>th</sup> April,2014 at ICAR Complex,Ela,Old Goa	
108	Mr. Srinivas	Nomination of scientists for attending Training Programme	22-24 <sup>th</sup> April,2014 at ICAR Complex,Ela,Old Goa	
109	Dr.Laxman Kuknoor	National level training programme on cashew"	ICAR Complex Ela, Old Goa, from 22 <sup>nd</sup> to 24 <sup>th</sup> April 2014.	
110	Dr.Laxminarayan Hegde	abstract papers <i>entitled "Production &amp; Comercialization of Medicinal Plants" to attend "5<sup>th</sup> Annual Conference of the American Council for Medicinally active plants "</i>	North Dakota State University, USA from 15 <sup>th</sup> – 18 <sup>th</sup> June, 2014.	
111	Dr.Shashidhar	Forwarding the application form programme on technology management for KVK professionals under BPD-NAARM	NAARM, Hyderabad-from 9 <sup>th</sup> to 11 <sup>th</sup> June 2014	
112	Mr.Nagaraj, G.	Training programme on Geospatial Technologies in Agriculture	June 26 <sup>th</sup> July 16 <sup>th</sup> 2014 at Tamil Nadu Agricultural University, Coimbatore	
113	Dr. Mamathalakhmi, N.	Summer School on Recent Advances in Educational Technology	July 2 <sup>nd</sup> to 22 <sup>nd</sup> 2014 at(NAARM),Rajendranagar, Hyderabad	
114	Dr. D.R.Patil	Workshop on Mitigation Strategies for Hailstorm Damage in Horticultural Crops	Pune during 22 <sup>nd</sup> to 23 <sup>rd</sup> June, 2014	
115	Dr.H.B.Patil	Workshop on Mitigation Strategies	Pune during 22 <sup>nd</sup> to 23 <sup>rd</sup>	

		for Hailstorm Damage in Horticultural Crops	June, 2014	
116	Mr. Raghavendra Achari	Workshop on Mitigation Strategies for Hailstorm Damage in Horticultural Crops	Pune during 22 <sup>nd</sup> to 23 <sup>rd</sup> June, 2014	
117	Dr. Manjunath, G.	Workshop on Mitigation Strategies for Hailstorm Damage in Horticultural Crops	Pune during 22 <sup>nd</sup> to 23 <sup>rd</sup> June, 2014	
118	Dr. Prasad, P.S.	participating 21 days training "Advances in Molecular Diagnostics of Emerging Plant Diseases for Biosecurity"	IIHR, Hesargatta, Bangalore	
119	Dr. Kantesh Gandolkar	Short course 10 days training programme on "Advances in water management and fertigation for fruit and vegetable crops in hot arid region of India	from 22 <sup>nd</sup> September to 1 <sup>st</sup> October, 2014 at Bikaner (Rajasthan)	
120	Mr. Noorulla Haveri	participate in the training programme on professional skills for trainers of extension institutes of agriculture and allied departments	at MANAGE, Hyderabad from 7 <sup>th</sup> to 11 <sup>th</sup> July 2014	
121	Mr. Ananda, G Nanjappanavar	the Short course 10 days training programme on "Advances in water management and fertigation for fruit and vegetable crops in hot arid region of India	from 22 <sup>nd</sup> September to 1 <sup>st</sup> October, 2014 at Bikaner (Rajasthan)	
122	Dr. N.K.Hegde	Nomination of scientists the people Biodiversity Register in Koppal & North Canada Districts		
123	Mr. Chandrakant Kamble.	Participate in winter school on "Recent Developments in Off – Season Production of Commercial Vegetables"	from 9 <sup>th</sup> September, to 29 <sup>th</sup> September, 2014 at Department of Vegetable Science Dr.Y.S.Parmar Nauni, Solan, (HP)	
124	Mr. Manju M.J.	abstract papers entitled "Screening of black pepper ( <i>Piper nigrum</i> ) genotypes against the foot rot disease caused by <i>Phytophthora capsici</i> " and "Evaluation of fungicides and varietal resistance for the management of leaf blight disease cardamom	PLACROSYM XXI" to be held at Kozhicode, kerala during 10 <sup>th</sup> to 12 <sup>th</sup> December-2014	
125	Dr.M.K.Honnabyraiah	research abstracts entitled Performance of high density planting system for yield maximization in cashew under maidan parts of Karnataka" and "Seasonal incidence of cashew apple and nut borer, <i>Thylecoptila panerosema</i> (Pyralidae: Lepidoptera) in maidan parts of Karnataka" for International Symposium on Plantation crops - PLACROSYM XXI"	Gateway Hotel, Kozhicode Kerala during 10 <sup>th</sup> to 12 <sup>th</sup> December-2014	

126	Dr.G.Basavaraj	a research article entitled "Analysing pro-poor value chains study of post-rainy season sorghum in Maharashtra state of India" in the workshop on Global Value Chains for Food and Nutritional Security	Rome, Italy during 25 <sup>th</sup> to 26 <sup>th</sup> September, 2014.	
127	Dr.T.B.Basavaraju	research paper entitled "Noni ( <i>Morinda citrifolia</i> L.)-A potential mixed crop for coconut gardens" for International Symposium on Plantation crops - PLACROSYM XXI"	Kozhikode, Kerala during 10 <sup>th</sup> to 12 <sup>th</sup> December-2014.	
129	Dr. Maruthi Prasad B.N.	10 days Short course on "Advances in Production of Quality Planting Material in Plantation Crops"	18 <sup>th</sup> to 27 <sup>th</sup> November, 2014 at CPCRI, Kayamkulam	
130	Dr. Vasant M Ganiger	National Seminar on "Post Harvest Management and Processing of Potato for Increasing Food Security in India"	22 <sup>nd</sup> September, 2014 at UAS Campus, Dharwad.	
131	Dr.T.B.Basavaraju	the National Seminar on "Sustainability and Profitability of Coconut, Arecanut and Cocoa Farming- Technological Advances and Way Forward"	CPCRI, Kasaragod on 22-23 August 2014.	
132	Dr.C.B.Koujalagi	the Short course 10 days training programme on "Strategic Issues in Agricultural Trade under WTO Regime	Anand Agricultural University, Anand (Gujarat) from 10 <sup>th</sup> to, 19th November 2014	
133	Mr. Sudarshan	International Symposium on Plantation crops	from 10 <sup>th</sup> to 12 <sup>th</sup> December, 2014 at IISR, Kozhikode	
134	Dr. Manjunath	National Seminar, on "Pomegranate for Nutrition, livelihood Security and Entrepreneurship Development"	ICAR- NRCP, Solapur, from 5 <sup>th</sup> to 7 <sup>th</sup> December, 2014	
135	Mr. Anand Nanjappanvar	"National Training Programme on Hi-tech Interventions in fruit production for Enhancing Productivity, Nutritional Quality and Value Addition"	from 8 <sup>h</sup> January to 28 <sup>nd</sup> January 2015 at CAFTH Department of Horticulture, Mahatma Phule Krishi Vidyapeeth, Rahuri	
136	Mr. Praveen Jhogliker	"National Training Programme on Hi-tech Interventions in fruit production for Enhancing Productivity, Nutritional Quality and Value Addition"	from 8 <sup>h</sup> January to 28 <sup>nd</sup> January 2015 at CAFTH Department of Horticulture, Mahatma Phule Krishi Vidyapeeth, Rahuri	
137	Mr. Krishnamurthy, G.H.	Krishi-International Agriculture Trade Fair & conference at Nashik	14 <sup>th</sup> to 18 <sup>th</sup> November-2014	
138	Mr.Aravind, M. Rathod	Krishi-International Agriculture Trade Fair & conference at Nashik	14 <sup>th</sup> to 18 <sup>th</sup> November-2014	
139	Dr.Noorulla Haveri	workshop on Agricultural Informatics	NAARM, Rajendranagar, Hyderabad during 8 <sup>th</sup> to 10 <sup>th</sup> Dec- 2014.	

140	Mrs. Premalatha, B.R.	21 days training Programme on "Advances in Land Inventory for Enhancing Productivity Through Agro-Technology Transfer"	from 03 <sup>rd</sup> to 23 <sup>rd</sup> December 2014 at NBSS & LUP, Regional Centre, Hebbal, Bangalore	
141	Dr.M.K.Honnabyraiah	National Symposium on Plantation Crops (PLACROSYM XXI)	Kozhikode, Kerala on 10 <sup>th</sup> to 12 <sup>th</sup> December, 2014.	
142	Dr.N.Aswathanarayana Reddy	Annual group meeting-2014 of Scientists of AICRP on Cashew	18 <sup>th</sup> to 20 <sup>th</sup> December 2014 at CRS, Bapatla, Andrapradesh.	
143	Dr.M.K.Honnabyraiah	Annual group meeting-2014 of Scientists of AICRP on Cashew	18 <sup>th</sup> to 20 <sup>th</sup> December 2014 at CRS, Bapatla, Andrapradesh.	
144	Dr.N.Aswathanarayana Reddy	National Symposium on Plantation Crops (PLACROSYM XXI)	Kozhikode, Kerala on 10 <sup>th</sup> to 12 <sup>th</sup> December, 2014.	
145	Dr. Vasant, M. Ganeger	nominated to participate in the "Model Training Course on "Seed Production, Processing and Marketing of Important Vegetable Crops"	from 17 <sup>h</sup> to 24 <sup>th</sup> March 2015 at DEE, G.B.Pant University of Agriculture &Technology, Panthnagar (Uttarakhand).	
146	Mr. Shivayogi Ryavalad.	nominated to participate in the "Model Training Course on "Seed Production, Processing and Marketing of Important Vegetable Crops"	from 17 <sup>h</sup> to 24 <sup>th</sup> March 2015 at DEE, G.B.Pant University of Agriculture &Technology, Panthnagar (Uttarakhand).	
147	Dr.Laxminarayan Hegde	International symposium on Native Plant Production	Kuwait from 10.11.2014 to 13.11.2014	

### 5.12.3. National & International Level Symposium/Conference/Seminar/Workshops attended:

	Name of the Faculty	Date/Place	Seminar/conference and place	Title of the paper presented
1	Dr. N. Aswathanarayana Reddy	21-24 <sup>th</sup> , April 2014	ICAR Research Complex for Goa, Old Goa	National level training on Cashew production and processing technologies
2	Dr. Sanjeevraddi, G. Reddi	29 <sup>th</sup> April, 2014, Department of Agriculture Sheshadri Road, Bangalore	Participated as Nodal Officer for Raichur district in <b>Bhoochetana Plus meeting</b> held at department of Agriculture, Sheshadri Road, Bangalore.	Participated
3	Dr. N. Aswathanarayana Reddy	19 <sup>th</sup> , May 2014	Directorate of cashew Research, Puttur	Brainstorming session for substitution of organic manures for AICRP on cashew experiment
4	Dr. N. Aswathanarayana Reddy	20 <sup>th</sup> - 22 <sup>nd</sup> , May 2014	Directorate of cashew Research, Puttur	Cashew Research methodologies and computing experimental data for the benefit of the newly recruited scientists of AICRP
5	Dr. V.A. Ramachandra	20 <sup>th</sup> May 2014	Directorate of cashew Research, Puttur	Cashew Research methodologies and computing experimental data for the benefit of the newly recruited scientists of AICRP



6	Dr. T.B.Allolli	May 21 <sup>st</sup> to 23 <sup>rd</sup> 2014	14 <sup>th</sup> AGM of AICRP Tuber crops held at BAU Ranchi .	Presented annual report of 2013-14
7	Dr. Babu, A.G.	02 <sup>nd</sup> to 3 <sup>rd</sup> June 2014	Two days workshop on "Farmers parliament" at UHS, Udyanagiri, Bagalkot.	Participated
8	Mr. Shripad Vishweshwar	02 <sup>nd</sup> to 3 <sup>rd</sup> June 2014	Two days workshop on "Farmers parliament" at UHS, Udyanagiri, Bagalkot.	Participated as Resource person
9	Dr. Laxminarayan Hegde	15-18 June 2014	5 <sup>th</sup> Annual conference on medicinally active plants of America, North Dakota State University, Fargo, USA	Effect of application of nutrients and spacings on growth, seed and tuber yields in glory lily ( <i>Gloriosa superba</i> L.)
10	Dr. H. B. Patil	17.06.2014 to 19.06.2014	UHS, Bagalkot	National Conference on "Challenges and Opportunities for Production & Supply Chain of Pomegranate" during 17-19th June 2014
11	Dr. A. M. Nadaf	17.06.2014 to 19.06.2014	UHS, Bagalkot	National Conference on "Challenges and Opportunities for Production & Supply Chain of Pomegranate" during 17-19th June 2014
12	Dr. Raghavendra Achari	17.06.2014 to 19.06.2014	UHS, Bagalkot	National Conference on "Challenges and Opportunities for Production & Supply Chain of Pomegranate" during 17-19th June 2014
13	Dr. D. R. Patil and Anand, G Nanjappanavar	17-19, June, 2014	UHS, Bagalkot	-Organized National Conference on pomegranate
14	Sateesh.R.Patil, Anand Nanjappanavar, Sateesh Pattepur, Wasim	17-19, June, 2014	Participated in National Conference on pomegranate	Effect of new chemical derivative of thiprolin N acetyl thiazolidine 4 – carboxylic acid, folic acid brassinolides additives and diluents on the yield and quality of pomegranate cv. Kesar
15	Sateesh. Patil, Sateesh Pattepur, Anand Nanjappanavar, G Manjunath and M. A Waseem	17-19 <sup>th</sup> June, 2014. P:121	Anar Sampada, souvenir released in National conference on Pomegranate- production and supply chain.	Effect of new chemical derivative of thiprolin N acetyl thiazolidine 4 carboxylic acid, folic acid brassinolides additive and diluents on the yield and quality of pomegranate cv. kesar
16	D. R. Patil, J. Venkatesha, B. S. Harish and Anand Nanjappanavar	. 17-19 <sup>th</sup> June, 2014 . P:04-11	Anar Sampada, souvenir released in National conference on Pomegranate- production and supply chain	Pomegranate ; Present status, constraints and Future strategies
17	Pavankumar, Aravind Balaganur, Anand Nanjappanavar and G. Manjunath	17-19 <sup>th</sup> June, 2014. P:87-88	Anar Sampada, souvenir released in National conference on Pomegranate- production and supply chain.	Pseudomonas fluorescence induces defense reactions in pomegranate against bacterial blight pathogen
18	M. Umapathi, D. P Praksh and Anand Nanjappanavar	. 17-19 <sup>th</sup> June, 2014. P:39	Anar Sampada, souvenir released in National conference on Pomegranate- production and supply chain	Establishment of aseptic cultures for in vitro mass multiplication of pomegranate cv. Bhagwa

19	Ambika, D. S	17 <sup>th</sup> to 19 <sup>th</sup> June	National conference on challenges and opportunities for production & supply chain of pomegranate Bagalkot,	Member of Programme committee
20	Mr. Naveen M.Puttaswamy	17 <sup>th</sup> to 19 <sup>th</sup> June	National conference on challenges and opportunities for production & supply chain of pomegranate Bagalkot,	Member of Programme committee, rapporteurs for inaugural session and convenor for technical session
21	Dr. Babu, A.G.	17 <sup>th</sup> to 19 <sup>th</sup> June 2014	National conference on 'Challenges and opportunities for production and supply chain of Pomegranate' at UHS, Udyanagiri, Bagalkot.	Participated
22	Dr.Prabhuling, G	17-19 <sup>th</sup> June, 2014	National conference on challenges and opportunities for production and supply chain of pomegranate at UHS, Bagalkot	2 Posters presented: 1. Callus induction in pomegranate; 2. <i>In vitro</i> plant regeneration in pomegranate
23	Mr. Shripad Vishweshwar	17-19 <sup>th</sup> June, 2014	National conference on challenges and opportunities for production and supply chain of pomegranate at UHS, Bagalkot	Participated and member of transport committee
24	Ambika, D. S	18 <sup>th</sup> June 2014	National conference on challenges and opportunities for production & supply chain of pomegranate	Convenor for the technical session Integrated Disease & Pest Management
25	Dr.(Smt.) B.C.Patil	23-27 June,2014	XXXII AGM of Vegetables	Presented Paper
26	Yashavantakumar, K.H	23-27 June,2014	XXXII AGM of Vegetables	Presented Paper
27	Dr. T.B.Allolli	June 24 <sup>th</sup> and 25 <sup>th</sup> 2014	8 <sup>th</sup> Annual review meeting	Presented progress report of 2013-14
28	Mr .G.K.Sudarshan	26.06.2014	Attended Bi-monthly technical workshop KSDA	Participated
29	Mr. Nagaraja, G.	26.6.2014 to 16.7.2014 {21 days duration}	DST-NRDMS sponsored summer training programme on geospatial technologies in agriculture at TNAU, Coimamator	Participated
30	Dr. Mamathalakshmi, N.	2.7.2014 to 22.7.2014 {21 days duration}	Summer School on "Recent Advances in Educational Technology" at NAARM, Hyderabad	Participated
31	Mr.G.K.Sudarshan	05.07.14 KSDA, Arsikere	Krishi Utsava- Arsikere	Participated
32	Dr. Sanjeevreddi, G. Reddi	25 <sup>th</sup> to 28 <sup>th</sup> July , 2014, DOR, Hyderabad.	in 23 <sup>rd</sup> annual Technical Group Meeting 2014-15 held at DOR, Hyderabad. CPCRI ,Kerala	Participated
33	Dr.T.B.Basavaraju Dr.M.Prashanth Mr.Sudarshan, G.K Dr.Chandrashekara, G.S	25 <sup>th</sup> - 28 <sup>th</sup> July'14 DOR, Hyderabad	XXIII Annual group meeting of AICRP on Palms. Presented the progress of AICRP experiments and finalized the technical programme for 2014-15. AICRP on Palms Kasargud	Participated
34	Dr. R. S. Jawadagi	25.07.2014 SADH, Office, Indi	GAP for Acid lime, Organized jointly by Department of Horticulture and Karnataka state marketing board, Belgaum	Participated as resource person

35	Dr. A. M. Nadaf	25.07.2014 SADH, Office, Indi	GAP for Acid lime, Organized jointly by Department of Horticulture and Karnataka state marketing board, Belgaum	Participated as resource person
36	Dr. H. B. Patil	31.07.2014 APMC, Bijapur	GAP for Grape, Organized jointly by Department of Horticulture and Karnataka state marketing board, Belgaum	Participated as resource person
37	Dr. A. M. Nadaf	31.07.2014 APMC, Bijapur	GAP for Grape, Organized jointly by Department of Horticulture and Karnataka state marketing board, Belgaum	Participated as resource person
38	Dr. Raghavendra Achari	31.07.2014 APMC, Bijapur	GAP for Grape, Organized jointly by Department of Horticulture and Karnataka state marketing board, Belgaum	Participated as resource person
39	Mr. Nagaraja, G.	13.8.2014	Design awareness seminar for manufacturers of agricultural machinery at GKVK, Bangalore	Participated
40	Dr.G.K. Ramegowda Dr. G. Basavaraj	13.8.2015	Bee keeping and marketing honey training at UHS, Bagalkot	Participated
41	Dr. R. S. Jawadagi Dr. A. M. Nadaf	17.08.2014 Kolar	Krishimela organized during Upasheppa Jatra Mahotsava, Kolar	Participated as resource person
42	Sateesh, R. Patil,	17 <sup>th</sup> to 23 <sup>rd</sup> August, 2014	Brisbane, Australia International Horticulture Congress	Performance of gerbera varieties under poly house Effect of photoperiod on growth and yield of chrysanthemum cultivars under northern dry zone of Karnataka.
43	Dr. H. B. Patil Dr.D.A Peerajade Dr.Raghvendra Achari	18.08.2014 Kolar	Krishimela organized during Upasheppa Jatra Mahotsava, Kolar	Participated as resource person
44	Dr. T. B. Basavaraju.	22.08.2014 to 23.08.2014 CPCRI, Kasaragod	National Conference on "Sustainability and Profitability of Coconut, Areca nut and Cocoa Farming- Technological Advances and Way Forward".	Participated
45	Mr.G.K.Sudarshan	23.08.2014 Gandsi	Hobli level Boochethana works shop KSDA, Arsikere	Participated
46	Mr.G.K.Sudarshan	25 <sup>th</sup> -26 <sup>th</sup> August '14	Bi-monthly technical workshop KSDA, Hassan	Participated
47	Dr. T. B. Basavaraju. Mr.G.K.Sudarshan	02.09.2014 IISc, Bangalore	World Coconut Day (National level)	CDB, Bangalore
48	Dr. D. A. Peerajade	02.09.2014 HRS, Bijapur	GAP for Grape, Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person
49	Dr. R. S. Jawadagi	02.09.2014 HRS, Bijapur	GAP for Grape, Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person
50	Dr. A. M. Nadaf	02.09.2014 HRS, Bijapur	GAP for Grape, Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person

51	Dr. Raghvendra Achari	02.09.2014 HRS, Bijapur	GAP for Grape, Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person
52	Dr.G.S. Chandrashekar	2 <sup>nd</sup> -12 <sup>th</sup> September 14	"Geospatial knowledge management of sustainable agriculture using open source GIS" at NAARM, Hyderabad.	NAARM, Hyderabad.
53	Dr. R. S. Jawadagi	05.09.2014 HRS, Bijapur	GAP for pomegranate Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person
54	Dr. A. M. Nadaf	05.09.2014 HRS, Bijapur	GAP for Pomegranate, Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person
55	Dr. Raghvendra Achari	05.09.2014 HRS, Bijapur	GAP for Pomegranate, Organized by Department of Horticulture ( Sindagi Tq ) under CHD programme	Participated as resource person
56	Dr. Ramegowda, G. K.	05.09.2015	State level training programme for field advisers of TATA chemicals at Bangalore	Participated
57	Shri. Chandrakant, S. Kamble	09.9.2014	Nauni –Solan (Himachal Pradesh)	Recent Developments in Off-season production of commercial Vegetables
58	Dr. T. B. Basavaraju.	15.09.2014 CPCRI, Kasaragod.	Network project on "Organic farming in plantation crops" at CPCRI, Kasaragod.	CPCRI, Kasaragod.
59	Mr.G. K. Sudarshan	18.09.2014 Arsikere	Safe use of pesticides	KSDA Arsikere
60	Kantesh Gandolkar	19.09.2014 to 06.10.2014 CIAH, Bikaner	Advances in water management and fertigation in fruits and vegetable crops of hot arid regions of India	Participated in Short course training programme.
61	Dr.(Smt.) B.C.Patil	20-23 Sept., 2014	32 <sup>nd</sup> Group meeting of Potato and National seminar on potato held at Dharwad	Participated
62	Yashavantakumar, K. H	20-23 Sept., 2014	32 <sup>nd</sup> Group meeting of Potato and National seminar on potato held at Dharwad	Participated
63	Laxman, A. Padanad	20-23 Sept., 2014	32 <sup>nd</sup> Group meeting of Potato and National seminar on potato held at Dharwad	Participated
64	Dr. Vishnuvardhana	20-22 Sep 2014	National Seminar on Post Harvest Management and Processing of potato for increasing food security in India held at UAS, Dharwad	1.Potato Production Scenario in Karnataka. 2.Postharvest management and Processing of Potato in Karnataka.
65	Dr. Prasad, P.S.	20-22 Sep 2014	National Seminar on Post Harvest Management and Processing of potato for increasing food security in India held at UAS, Dharwad	1.Potato Production Scenario in Karnataka. 2.Postharvest management and Processing of Potato in Karnataka.
66	Dr. K. Ramachandra Naik	22.09.2014	National Seminar on "Post Harvest Management and Processing of Potato for increasing Food Security in India held on 22nd September, 2014 at UAS campus Dharwad, Karnataka	Consolidation of Food Security In India Through Improvement In Traditional Potato Storage Structures

67	Dr. S.I.Athani	22.09.2014	National seminar on potato.	Participated and worked as chairman for Transport committee
68	Dr. T.B.Allolli	22.09.2015	National seminar on potato.	Participated and worked as chairman for food and finance committee
69	Anand G Nanjappanavar	22 September to 01 <sup>st</sup> October, 2014	Attended 10 days short course Advances in water management and fertigation for fruit and vegetable crops in hot arid Horticulture from.	<i>Central Institute for Arid Horticulture, Beechwal, Bikaner, Rajasthan</i>
70	Dr. T.B.Allolli	24.09.2014	Participation in Midterm Review e at Regional Centre, Bhubaneswar	Presented progress report of 2013-14
71	C.B.Koujalagi	24 & 25 Sept., 2014 SKDRDP, Dharmasthala	National conference on sustaining small holder agriculture – issues and challenges.	Participated in the National conference
72	Dr. G. Basavaraj	24-30 <sup>th</sup> Sept, 2014	Presented a paper on “Analysing pro-poor value chains - A study of post rainy season sorghum in Maharastra state of India” during the workshop on Global value change for food and nutritional security held at Rome, Italy	Participated
73	Pallavi,H.M. Anand G.N., Vishwanath, K, Bapurayagouda Patil and Manjunath Thattimani	25-27 the September, 2014, p:174	7 <sup>th</sup> National seed congress- Quality seeds for successful agriculture, Seed morphological changes after seed treatments to overcome physical dormancy in <i>Chamaecrista absus</i>	Participated
74	Bapurayagouda Patil, Pallavi,H.M., Anand Nanjappanavar and D.R.Patil	25-27 the September, 2014, p:188	7 <sup>th</sup> National seed congress- Quality seeds for successful agriculture, A study on seed desiccation tolerance limit for seed longevity of acid lime Cv. Kagzi	Participated
75	D.R. Patil, Pallavi, H.M., Bapurayagouda Patil, Anand,G.N and Manjunath Thattimani	25-27 the September, 2014, p:257	7 <sup>th</sup> National seed congress- Quality seeds for successful agriculture, Influence of storage container and temperature on seed longevity in acid lime cv. Kagzi	Participated
76	Mr.G.K.Sudarshan	26.09.2014 Tiptur	Safe use of pesticides	KSDA Tiptur
77	C.B.Koujalagi	26 & 27 Sept., 2014 S.C.P arts and D.D.S commerce college, Mahalingapur	National conference on commercial aspects of dairy farming and food security	Present paper on SWOT analysis of Indian dairy industry.
78	Dr. M. H. Tatagar, Dr. P. S. Ajjappalavara, Sri. Krishna Kurubetta, Sri. Abdul Kareem, M.	27.09.2014 to 30.09.2014	Krishi Mela-2014	UAS, Dharwad
79	Dr.Shankar Meti	13-15 oct2014	training on tissue analysis at IIHR , Bangalore	Participated
80	Dr. R.S .Jawadagi	13.10.14 to 15.10.14	Training programme on “Soil science and plant analysis on grapes IIHR, Bengaluru	Participated as trinee

81	Dr.T.B.Basavaraju Dr.M.Prashanth Mr.G.K. Sudarshan Dr.Chandrasekar	16.10.2014 HRES, Arsikere.	"Improved cultivation practices for coconut"	AICRP on Palms, Arsikere
82	Dr. Sanjeevraddi ,G. Reddi	20 <sup>th</sup> October , 2014, UHS, Bagalkot	Participated and Presented the report of AICRP OIL PALM Gangavati in Seed and Planting Material Meeting held at UHS, Bagalkot.	UHS, Bagalkot
83	Dr.T.B.Basavaraju	27.10.2014 KVK, Kandali, Hassan	"Agriculture Technology Week".	KVK, Kandali, Hassan
84	Dr.G.S. Chandrashekar	28.10.2014 Hiriyur, Arsikere tq.	"Seed treatment rally"	KSDA, Arsikere
85	Mr.G.K. Sudarshan	30.10.2014 to 31.10.2014, KVK, Hassan	Bi-monthly technical workshop	KSDA Hassan
86	Dr.T.B.Basavaraju	10 -12 December 2014, at IISR, Kozhikode	PLACROSYM XXI at IISR, Kozhikode, Kerala	IISR, Kozhikode
87	Dr. Vishnuvardhana Dr. Prasad, P.S.	1-2 Nov 2014	National Seminar on Emerging Problems of Potato held at CPRI, Shimla	1.Influence of Calcium on improving yield and Post Harvest Qualities of Potato. 2.Studies on Suitable dates of Planting of Potato under Southern Parts of Karnataka during <i>Kharif</i> Season. 3.Potato Based Cropping Systems for Southern Karnataka. 4.Management of Late Blight of Potato
89	Dr. Raghvendra Achari	13.11.2014	Integrated nutrient management and disease management in grapes. Organized by. MCF LTD., Sri. Siddeshwara Ashram, Bijjaragi, Vijayapur	Participated as resource person
90	Dr. Raghavendra Achari	14.11.2014	Integrated nutrient management and disease management in grapes. Organized by. MCF LTD.,Govt. high school, Aliyabad, Vijayapur	Participated as resource person
91	C.B.Koujalagi	18 – 20 <sup>th</sup> November 2014	Participated in the "22 <sup>nd</sup> Annual Conference of Agricultural Economics Research Association (India)" 18 – 20 <sup>th</sup> November 2014, UAS, Raichur	Participated
92	Mr. Shripad Vishveshwar	18 – 20 <sup>th</sup> November 2014	Participated in the "22 <sup>nd</sup> Annual Conference of Agricultural Economics Research Association (India)" 18 – 20 <sup>th</sup> November 2014, UAS, Raichur	Participated
93	Dr.T.B.Basavaraju	22.11.2014 Ayarahalli, Tiptur tq.	Field day of Ragi. KSDA, Tiptur	Participated
94	Dr. M. Prashanth	01.12.2014 Malladevanalli, Javagal Tq.	Attended as a team member for Selection committee of best Horticulture farmer for the year 2014-15 UHS, Bagalkot	Participated
95	Dr.T.B.Basavaraju	10.12.2014 to 12.12.2014, IISR, Kozhikode	PLACROSYM XXI at IISR, Kozhikode, Kerala	Participated

96	Dr. M.K. Honnabyraiah	December 10-12, 2014	International Symposium on Plantation crops (PLACROSYM XXI), IISR, Calicut, Kerala	Presented a Research paper on Performance of HDP in cashew in eastern dry zone of Karnataka
97	Dr.N.Aswathanarayana Reddy	December 10-12, 2014	International Symposium on Plantation crops (PLACROSYM XXI), IISR, Calicut, Kerala	Presented a Research paper on Seasonal incidence of cashew apple and nut borer, <i>Thylecoptila panerosema</i> in eastern dry zone of Karnataka
98	Dr.G.S. Chandrashekar	11.12.2014 Honnenahalli, Tiptur tq	Integrated Pest Management on Pigeon pea under National Food Security Mission (NFSM). KSDA, Tiptur	Participation
99	Dr. H .B. Patil	12-15 December 2014	Bruhat Udyana Mela 2014, UHS, Bagalkot	Participation
100	Dr. R .S. Jawadagi	12-15 December 2014	Bruhat Udyana Mela 2014,UHS, Bagalkot	Exhibited the stall and participated as a resource person in consultancy cell of dept. of veg. science
101	Dr.T.B.Basavaraju Dr. M. Prashanth Mr. Sudarshan, G.K. Dr. G.S.Chandrashekar	12.12.2014 to 15.12.2014, UHS Bagalkot	Udyana Mela-2014 UHS, Bagalkot	Participated
102	Dr. Raghavendra Achari	12 and13 December, 2014	Bruhat Udyana Mela 2014, UHS, Bagalkot	Exhibited the stall
103	Dr. D. A. Peerajade	12 and13 December, 2014	Bruhat Udyana Mela 2014. UHS Bagalkot	Exhibited the stall and as resource person for consultancy cell of Dept of Crop improvement and Biotechnology
104	Dr. A. M. Nadaf	13 and 14 December, 2014	Bruhat Udyana Mela 2014. UHS Bagalkot	As Rapporteur in technical session of grape and as resource person for consultancy to farmers
105	Dr. M.K. Honnabyraiah	December 18-20, 2014	Annual Group Meeting of Scientists of AICRP on cashew, at CRS, Bapatla, Andhra Pradesh	Participated
106	Dr.N.Aswathanarayana Reddy	December 18-20, 2014	Annual Group Meeting of Scientists of AICRP on cashew, at CRS, Bapatla, Andhra Pradesh	Presented the research experiments annual progress for the year 2013-14
107	Dr. G. Basavaraj	19.12.2014	Round table conference on supply chain management in horticulture held at IIMB, Bengaluru	Participated
108	Dr. M. Prashanth	22.12.2014 HRES Arsikere	Farmers tour to Udyana Mela-2014	IFS Unit, Arsikere
109	Dr.T.B.Basavaraju Dr. G.S.Chandrashekar	22.12.2014 HRES Arsikere	Farmers tour to Udyana Mela-2014	HEEU, Arsikere
110	Dr. Sanjeev Reddi	29 <sup>th</sup> & 30 <sup>th</sup> December,2014 ARS , Gangavati	State Level Training Programme on Oil palm	DOPR, Pedavegi, AP & NMOOP
111	Dr.T.B.Basavaraju Mr. Sudarshan, G.K. Dr. G.S.Chandrashekar	30.12.2014 Godekere, C.N.Halli Tq.	Technology adoption and yield enhancement in Coconut.	UAS, B and CGA of C.N.Halli.
112	Dr.G. S. Chandrashekar	10.01.2015 Vittal	Krishimela organized by CPCRI- RS Vittal	CPCRI RS Vittal
113	Dr.G. S. Chandrashekar Smt. Sunita M Patil	17.01.2015 18.01.2015 Suttur , Mysore	Krishimela ,JSS, Suttur , Mysore	Suttur math

114	G.S.Chandrashekar	21.01.2015, Lokammanahally, Turuvekere Tq.	Training programme on Coconut Tree Climbing and Plant Protection	Lokamatha Federation
115	G.S.Chandrashekar	21.01.2015, Dwaranahally, Mayasandra Hobli, Turuvekere Tq.	Coconut climbing and plant protection in coconut	Siddalingeshwara Federation
116	Dr.T.B.Basavaraju Dr. M. Prashanth Mr. Sudarshan, G.K. Dr. G.S.Chandrashekar	05.02.2015 to 07.02.2015 Tiptur	State level Krishimela-2015	SKDMRDP Tiptur
117	Dr. T. B. Basavaraju.	10.02.2015 CPCRI, Kasaragod	National Workshop on Planting material production in coconut- Issues and Strategies at CPCRI, Kasaragod.	CPCRI, Kasaragod
118	Dr.T.B.Basavaraju Dr. M. Prashanth Mr. Sudarshan, G.K.	13.02.2015 HRES, Arsikere	Training on Production and Post-Harvest processing in Horticulture crops	KSDH, Arsikere
119	Mr. Sudarshan, G.K.	26.02.2015 to 27.02.2015 Hassan	Bi-monthly Workshop	KSDA, Hassan
120	Dr. G.S.Chandrashekar	26.02.2015, Otikere, C. N.hally Tq.	Management of Coconut black headed caterpillar	KSDH, C. N.hally
121	Dr. G.S.Chandrashekar	26.02.2015, Aladakatti, C. N.hally Tq.	IPM in pepper	KSDH, C. N.hally
122	Dr. G.S.Chandrashekar	26.02.2015, Yegachihally and Honnebaghi C. N.hally Tq.	Integrated pest and Disease management in Arecanut	KSDH, C. N.hally
123	Dr. G.S.Chandrashekar	09.03.2015, Bevinahally, Turuvekere Tq.	FoCT Coconut climbing Training Programme	CPF Bevinahally,
124	Mr. Sudarshan, G.K.	24.03.2015 Arsikere	Farm School	KSDA Arsikere
125	Mr. Sudarshan, G.K.	27.03.15 Tippur, Gubbi Tq.	FoCT Coconut climbing Training Programme	CPF Tippur
126	Dr. G.S.Chandrashekar	30.03.2015 Tippur, Gubbi Tq.	FoCT Coconut climbing Training Programme	CPF Tippur

#### **6. National & Institutional Level Symposium/Conference/Seminar/Workshop Organized:**

Sl. NO.	Name of Symposium etc.,	Date & Place	Number of Participants	State/ National/ International level
1.	National seminar on production, post harvest and value addition in pomegranate	17 to 18 <sup>th</sup> June, 2014	200	National
2.	Dr. Suresha, G.J. Training on 'Personality development'	25-27 <sup>th</sup> March, 2015	40	Institutional
3.	One day workshop on Scientific cultivation and disease forecasting in pomegranate	29.03.2015	87	District level organized jointly by Disease forecasting Unit, COH, Bagalkot and Center of Excellence of pomegranate, Bagalkot
4.	Praveenkumar B.Naikodi Praveen Jhoglikar Sayeed Almas R. Mulla Kawale Nagendra Ganeshgoud I. Patil	World Environment Day : Nature for Future	05-06-2014 COH, Bidar	District Science center, Bidar college of Horticulture & Karnataka state pollution control Board, Bidar Department of forest, Bidar

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## 8

## INFRASTRUCTURE DEVELOPMENT &amp; FINANCE

## 8.1 Civil works

The list showing works completed for the year 2014-15 by Estate Office, UHS, Bagalkot

Sl. No	Name of the work	Status of Work
1	Construction of Main Administrative building at Udyanagiri Bagalkot	Under Process
2	Construction of horticulture divisional blocks (2 blocks) at UHS, Bagalkot	Completed
3	Construction of divisional block No. 3 (Floriculture) at UHS, Bagalkot	Completed
4	Construction of divisional block No. 4 (Fruit Sciences) at UHS, Bagalkot	Completed
5	Construction of First Floor over RKVY building at UHS, Bagalkot	Completed
6	Construction of tissue culture laboratory at UHS, Bagalkot	Completed
7	Construction of 'C' type quarters (Ground Floor and First Floor) at UHS, Bagalkot	Completed
8	Construction of 'E' type quarters (Ground Floor and First Floor) at UHS, Bagalkot	Completed
9	Construction of examination hall at UHS, Bagalkot	Completed
10	Providing water supply network with OHT / GLSR. at UHS, Bagalkot	Completed
11	Electrification to tissue culture laboratory at UHS, Bagalkot	Completed
12	Electrification to 'C' type quarters (Ground Floor and First Floor) at UHS, Bagalkot	Completed
13	Electrification to 'E' type quarters (Ground Floor and First Floor) at UHS, Bagalkot	Completed
14	Construction of RCC culvert at road junctions at UHS, Bagalkot	Completed
15	Construction of first floor over seed testing laboratory at UHS, Bagalkot	Completed
16	Construction of post harvest model processing unit at UHS, Bagalkot	Completed
17	Construction of first floor over bio-control laboratory at UHS, Bagalkot	Completed
18	Construction of compound wall to Girl's hostel at UHS, Bagalkot	Completed
19	Asphalting and pavement concreting to roads at UHS, Bagalkot	Completed
20	Construction of center for horticulture bio-technology and excellence on bio technology at UHS, Bagalkot (Main Campus)	Under Process
21	Construction of center for soil water & plant diagnostic and vegetable research at UHS, Bagalkot (Main Campus)	Under Process
22	Construction of Teachers Hostel at UHS, Bagalkot	Under Process
23	Renovation by providing protection wall to boy's hostel (rear side). at KRCCH, Arabhavi	Completed
24	Construction of shade net house at KRCCH, Arabhavi	Completed
25	Construction of E type quarters (Ground floor & First Floor) at COH, Bidar	Completed

26	Renovation by providing cupboard shutters of laboratory platform at COH, Bidar	Completed
27	Providing integral water proofing to the roof of Boy's Hostel Building at COH, Kolar	Completed
28	Providing cupboards for laboratory platform at various department at COH, Kolar	Completed
29	Construction of drying yard at COH, Kolar	Completed
30	Providing integral water proofing to the roof of College Building at COH, Kolar	Completed
31	Providing shutters to cupboards in girl's hostel at COH, Kolar	Completed
32	Construction of C type quarters (Ground floor) at COH, Koppal	Completed
33	Providing and fixing waterproof plywood Cupboard shutters to laboratory platforms for college main building at COH, Koppal	Completed
34	Providing integral water proofing to the roof of College Building and other works at COH, Koppal	Completed
35	Providing integral water proofing to the roof of Boy's Hostel Building and other works at COH, Koppal	Completed
36	Providing integral water proofing to the roof of Girl's Hostel Building and other works at COH, Koppal	Completed
37	Construction of compound wall to girl's hostel at COH, Koppal	Completed
38	Providing granite platforms to exhibition hall at COH, Koppal	Completed
39	Providing chain link fencing along national highway to main building at COH, Munirabad	Under Process
40	Construction of main administrative building at COH, Mysore	Completed
41	Construction of boys hostel building at COH, Mysore	Completed
42	Construction of girls hostel building at COH, Mysore	Completed
43	Construction of E type quarters (Ground floor and First Floor) at COH, Mysore	Completed
44	Providing integral water proofing to the roof of Girl's Hostel Building at COH, Mysore	Completed
45	Providing integral water proofing to the roof of College Building at COH, Mysore	Completed
46	Providing integral water proofing to the roof of Boy's Hostel Building at COH, Mysore	Completed
47	Construction of main administrative building at COH, Sirsi	Completed
48	Construction of boys hostel building at COH, Sirsi	Completed
49	Construction of girls hostel building at COH, Sirsi	Completed
50	Electrification to college building at COH, Sirsi	Completed
51	Construction of compound wall around newly constructed Girls Hostel at COH, Sirsi	Completed
52	Construction of food processing unit at COH, Sirsi	Completed
53	Construction of culvert and entrance gate at COH, Sirsi	Completed
54	Construction of tissue culture laboratory at COH, Sirsi	Completed
55	Providing integral water proofing to the roof of College Building at COH, Sirsi	Completed
56	Providing integral water proofing to the roof of Boy's Hostel Building at COH, Sirsi	Completed

57	Providing integral water proofing to the roof of Girl's Hostel Building at COH, Sirsi	Completed
58	Digging of open well in the farm area at COH, Sirsi	Under Process
59	Digging of open well in the college at COH, Sirsi	Under Process
60	Construction of sump tank to boys hostel at COH, Sirsi	Under Process
61	Construction of sump tank to quarters at COH, Sirsi	Under Process
62	Providing cupboards to laboratory plat form at COH, Sirsi	Under Process
63	Renovation to farm office building at HRS, Hassan (Somanahalli Kavall)	Completed
64	Construction of PG boys, girls and PHD boys hostel blocks at PG Centre, Bangalore	Completed
65	Construction of under ground water tank with pipe line at PG Centre, Bangalore	Completed
66	Construction of indoor games hall at PG Centre, Bangalore	Completed
67	Construction of compound wall to boy's hostel at PG Centre, Bangalore	Completed
68	Formation of play ground at PG Centre, Bangalore	Completed
69	Construction of vehicle parking at PG Centre, Bangalore	Completed
70	Additional toilets to post harvesting technology lab at PG Centre, Bangalore	Completed
71	Construction of first floor over Administrative building at PG Centre, Bangalore	Under Process
72	Providing chain link fencing (Remaining Portion) at HRS, Kanabargi ( Belgaum)	Completed

## 8.2 Budget and Expenditure (Finance)

### For the year 2014-15 Grants Sanctioned and Released from State and Central Sources

SL. NO.	DESCRIPTIONS	SANCTIONED	RELEASED	UTILIZATION
1	PLAN	570000000	570000000	570000000
2	NON-PLAN	161900000	161900000	161900000
3	SAU GRANTS	35800000	35800000	35800000
4	AICRP GRANTS	10622954	10622954	10622954
5	RKVY GRANTS	20000000	20000000	20000000
6	NHM & NHB GRANTS	4889250	4889250	4889250
7	NTS & RAWE GRANTS	1591260	1591260	1591260
8	KVK GRANTS	3584000	3584000	3584000
9	UNIVERSITY INCOME GENERATION FROM INTERNAL RESOURCES	50261733	50261733	50261733
<b>GRAND TOTAL</b>		<b>858649197</b>	<b>858649197</b>	<b>858649197</b>

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## 9

## PUBLICATIONS

## 9.1 Papers published in Scientific Journals

Sl. No	Name of Author	Title	Year of publication	Name of Journal
1.	Sanjeevreddi G. Reddi, D.R. Patil, H.P. Maheshwarappa, S. Arulraj, B.G.Mastana Reddy and B.Chandravathi	Evaluation of African oil palm germplasm for drought tolerance	2014	<i>Journal of Plantation Crops</i> , 2014, <b>42</b> (2): 170-174
	Basavaraju, T.B., Bhagya, H.P., Prashanth, M., Arulraj, S. and Maheswarappa, H.P.	Effect of Fertigation on the productivity of coconut	2014	<i>Journal of Plantation Crops</i> , <b>42</b> (2): 198-204.
2.	Basavaraju, T.B., Prashanth, M. and Maheswarappa, H.P.	Yield and economics of coconut under fertigation	2014	CPCRI, Kasaragod, Kerala during 22-23 August 2014, pp 68.
3.	S.M. Kale and P.S. Ajjappalavara, 2014,	Evaluation of Onion Genotypes Against Purple Blotch ( <i>Alternaria porri</i> ).	2014	<i>The Asian Journal of Horticulture</i> : 274Vol. 9 (1)
4.	Thammaiah, N., Swamy, G. S. K., Kulkarni, M. S. and Devappa, V.,	<i>In-vitro</i> evaluation of fungicides against <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> .	2014	<i>Int., J. Pl. Prot.</i> , <b>7</b> : 221-224.
5.	Jalawadi, S.,	Molecular characterization of hybrids and landraces of sapota by RAPD markers	2014	<i>Asian J. Hort.</i> , <b>9</b> (1):72-75
6.	Vasundhara, B. A., Thammaiah, N., Swamy, G. S. K., Kulkarni, M. S., Devappa, V. and Gangadharappa, P. M.,	<i>In-vitro</i> evaluation of antagonistic micro organisms against the growth of <i>Erwinia chrysanthemi</i> .	2014	<i>Int. J. Pl. Prot.</i> , <b>7</b> :265.266.
7.	Biradar, A P. and Nadaf A.M.,	bio efficacy of bifenazate 240sc (floramite) against mites on grape, <i>Vitis vinifera</i> ,	2014	<i>Annals of Plant Protection Sciences</i> , Vol.22 (02), 317-319
8.	R.S.Jawadagi, N. Basavaraj, K.S.Khyadagi and P.S.Pattar,	Effect of nutrient sources on shelf life of onion( <i>Allium cepa</i> L) cv. Bellary red,	2014	<i>Bioinfolet</i> , Vol.11(3A)-776-784.
9.	Meti.S.,Meerabai, M., Jacob,J. and Saifudeen,M.	Geospatial variability of soil and climate on performance of Rubber in tradintional region of India	2014	<i>Journal of Plantation crops</i> Vol-42(02),175-184
10.	I.B.Biradar, Y.Raghuramulu and K V Naik,	Effect of root pruning and size of nursery bag on the growth and vigour of coffee seedlings	2014	<i>Research Journal of Agricultural Sciences</i> 5(4):810-813
11.	S.M. Kale, P.S. Ajjappalavara, H.B.Patil, V.M.Ganiger, Bhuvaneshwari, M.B. Madalageri and H.M.Pallavi,.	Genetic Diversity studies in rabi onion ( <i>Allium cepa</i> L.)	2014	<i>Bioinfolet</i> , <b>11</b> (3B): 871-875
12.	Prabuling G, Raghavendra S, Babu AJ	Tissue culture on Pomegranate	2014	Sovinier- National conference on pomegranate organized by UHS

13.	Vinaykumar M.M.	Abundance of cotton mired bug, <i>Poppiocapsidea biseratense</i> (distant) in major cotton growing districts of Karnataka	2014	<i>Journal of Experimental Zoology</i> , India
14.	Vinaykumar M.M.	Reaction of different cotton genotypes against mirid bug, <i>Poppiocapsidea biseratense</i> (Distant)	2014	<i>Journal of Experimental Zoology</i> , India
15.	Sharanabhoopal Reddy, Nagaraja, M.S., Punith Raj, A.S., Police Patil, Prabhudev Dhumgond, 2014.	Elemental analysis of, E4/E6 ratio and total acidity of soil humic and fulvic acids from different land use systems	2014	<i>Annals of Plant and Soil Research</i> , <b>16</b> : 89-92.
16.	Shobha Naganur, Vijaya Hosamani and Bhuvaneshwari, G	Pomegranate in daily diet	2014	Udyanaloka (Kannada)
17.	Shiddanagouda Yadachi; Indra Mani and Kiran Nagajjanavar.	Influence of Seed Coat Treatments on Seedling Emergence of Carrot ( <i>Daucus carota</i> L.).	2014	<i>Int. J. Curr. Microbiol. App. Sci</i> (2014) 3(10): 1003-1007
18.	Vandana, A.K., Suresha, G.J., Jagadeesh, S.L. and Hanamant, R.H.	Effect of post harvest boric acid treatment on quality and shelf life of Jamun ( <i>Syzigium cuminii</i> Skeels.) fruits under cold storage (Abstract)	2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore (15-17 <sup>th</sup> September, 2014) : Page 144
19.	Vandana A.K., Suresha, G.J., Jagadeesh, S.L. and Hanamant R.H.	Post harvest calcium chloride treatment increases the shelf life of custard apple fruits under cold storage (Abstract)	2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore (15-17 <sup>th</sup> September, 2014): Page 145
20.	Hanamant R.H., Suresha G.J., Jagadeesh S.L. and Vandana A.K.	Influence of pectinase on quality of jamun ( <i>Syzigium cuminii</i> Skeels.) wine (Abstract)	2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore (15-17 <sup>th</sup> September, 2014): Page 198
21.	Hanamant R.H., Suresha G.J., Jagadeesh S.L. and Vandana A.K.	Hot water and nerium leaf extract treatments extends storage life of custard apple under cold storage (Abstract)	2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore (15-17 <sup>th</sup> September, 2014): Page 199
22.	Shivaprasad M. K., Vasant, M. Ganiger and Bhuvaneshwari G.	Growth and flowering behaviour of muskmelon ( <i>Cucumis melo</i> L.) hybrids under Northern zone of Karnataka	2014	Trends in Biosciences, 7(15): 1902-1905
23.	S.M. Kale, P.S. Ajjappalavara, H.B. Patil, V.M. Ganiger, G. Bhuvaneshwari, M.B. Madalageri and H. M. Pallavi	Genetic diversity studies in Rabi onion ( <i>Allium cepa</i> L.)	2014	<i>Bioinfolet</i> , 11 (3B): 871-875
24.	Savitha, H. N., Madalageri, M. B., Ganiger, V. M., Bhuvaneshwari, G., and Prakash, M	Bio nutrient status of drumstick flowers and sensory evaluation of value added products by incorporating drumstick flower powder	2014	National Conference on Pre-/post-Harvest Lossess and Value Addition in Vegetables (July 12-13, 2014)
25.	Savitha, H. N., Madalageri, M. B., Ganiger, V. M., Bhuvaneshwari, G., and Prakash, M	Nutrient Composition and sensory evaluation of value added products from drumstick leaf.	2014	National Conference on Pre-/post-Harvest Lossess and Value Addition in Vegetables (July 12-13, 2014)
26.	Bhuvaneshwari, G, Vasant, M. Ganiger and Jagadeesh, S. L.	Value added products of Ginger	2014	Udyanaloka, 4(1), 49-52.

27.	Venkateshalu, Vinaykumar ,M.M. , Manjunath ,G and Kotikal ,Y.K	Studies on intra field and intra plant distribution pattern of pomegranate shot hole borer, <i>Xyleborus perforans</i> (Wollaston)	2014	National Conference Challenges and Opportunities for production and Supply chain of pomegranate, 17-19 <sup>th</sup> June, UHS, Bagalkot, 95-96p
28.	Venkateshalu, M. M. Vinaykumar and G. Manjunath	Standardization of shot hole borer trapping technique in pomegranate	2014	National Seminar-Cum-Exhibition on 'Pomegranate for Nutrition, livelihood Security and Entrepreneurship Development' from December 05-07, 2014
29.	I.N. Priya, devappa, V., G. Prabhuling and R.K. Mesta	Screening of diseases resistance in turmeric cv.salem against <i>collectrichumcapsici</i> through in-vitro mutagenesis	Oct-Dec-2014	Bioinfolet, Vol.11(4B)
30.	S. M. Kale, P. S. Ajjappalavara, H. B. Patil, V. M. Ganiger, G. Bhuvaneshwari, M. B. Madalageri and H. M. Pallavi,	Genetic diversity studies in rabi onion ( <i>Allium cepa</i> L.)	2014	<i>Bioinfolet</i> , 11(3B), 871-875.
31.	Savitha, H. N., Madalageri M. B., Prakash M. Ganiger V. M. and Bhuvaneshwari, G.	Drumstick Leaf Nutrient Status and Utility in Commonly Consumed Food Enrichment	2014	<i>Trends in Biosciences</i> , 7 (21),3359-3363.
32.	Bhuvaneshwari. G, Vasant M. Ganiger and Mamatha Dalavi	Post Harvest Technology and value addition to banana	2014	<i>Udyanaloka</i> , October-December, 2014
33.	A N Manjunatha, S M Prasanna and M, V, D' Souza	Site specific nutrient management software for coffee	2014	<i>Journal of Plantation Crops</i> <b>42(3)</b> :370-376 2014.
34.	S .M .Prasanna and P .S. Pattar	Successful Ratoon Management in Sugarcane	2014	<i>Research and Reviews: Journal of Agriculture and Allied Sciences</i> <b>3(4)</b> : 39-47 2014
35.	Gurupad, M. Hegde and R.K .Mesta	Integrated management of sigatoka leaf spot of banana	2014	<i>The Bioscan</i>
36.	Mondal, G.C., Raj, S. and Mushrif, S.K	Comparision Of Weather Favouring Abnormal Leaf Fall Of Rubber In Kerala, Northern West Bengal And North East India	chapter in a book 2015 edition	Title of the book; Phytophthora diseases of plantation crops
37.	Pragati Meti, Srinivas AG, Prakash M, Jat M.L., Venkateshalu, Prabhuraj A	Carryover of Insect Pests on Maize crop grown under conservation agriculture	2014	<i>J. Exp. Zool. India.</i> , 17 (2): 575-576
38.	Pragati Meti, Srinivas AG, Prakash M, Jat M.L., Venkateshalu, Prabhuraj A	Population dynamics of shootfly and stem borers of maize under conservation agriculture system	2014	<i>J. Exp. Zool. India.</i> , 17 (2): 563- 566
39.	Pragati Meti, Srinivas AG, Prakash M, Jat M.L., Venkateshalu, Prabhuraj, A	Studies on the status of arthropod fauna in conservation agriculture system	2014	<i>J. Exp. Zool. India.</i> , 17 (2): 591-593
40.	K. Venkata Subbaiah , S.L. Jagadeesh and R. Manjula	Studies on papads based on blends of banana with urd and rice flour	2015	<i>Green Farming</i> , 6(2): 392-395
41.	M.G. Awati	Identification of putative molecular markers associated with root traits in coffee canephor	2015	Molecular Geology International ( Hindawi public)
42.	M.M.Vinaykumar and P.S.Hugar	Abundance of cotton mirid bug, <i>Poppiocapsidea biseratense</i> (Distant) in major cotton growing districts of karnataka	2014, October	New dimensions in agrometeorology for sustainable agriculture (NASA-2014) (Abstract)

43.	Shekhara, K.H, Shirol, A.M, and Balaji Kulkarni	Evaluation of daisy genotypes for growth and yield paramaters	2015, Pp-118	In Compendium: Commercial Floriculture and Landscape Gardening
44.	Omeme, T., Balaji Kulkarni and Srikanth L G	Hydroponics	2015, Pp-114	In Compendium: Commercial Floriculture and Landscape Gardening
45.	Balaji Kulkarni, Srikanth ,LG and Geetha ,S. Venkatapur	Vertical garden- Go green with green wall	2015, Pp-114	In Compendium: Commercial Floriculture and Landscape Gardening
46.	Raveendra, Y. C, Balaji Kulkarni, Rachappa Kore and Harishkumar, T	Role of ornamentals in environmental pollution control	2015, Pp-114	In Compendium: Commercial Floriculture and Landscape Gardening
47.	Raveendra, Y C, Shirol, A.M, and Balaji Kulkarni	Use of growth regulators in daisy for yield and quality	2015, Pp-119	In Compendium: Commercial Floriculture and Landscape Gardening
48.	Girish ,R, Shirol, A.M, and Balaji Kulkarni	Studies on effect of plant growth regulators on growth and yield of daisy Cv. Dwarf pink	2015, Pp-119	In Compendium: Commercial Floriculture and Landscape Gardening
49.	Sachin Hosur, Satesh Patil and Balaji Kulkarni	Studies on performance of Dutch roses under naturally ventilated polyhouse in Karnataka command area	2015, Pp-119	In Compendium: Commercial Floriculture and Landscape Gardening
50.	Raveendra, Y C, Balaji Kulkarni and Naveenkumar, B	Breaking of dormancy in gladiolus	2015, Pp-122	In Compendium: Commercial Floriculture and Landscape Gardening
51.	Anjali Kulkarni, Mukund Shiragur and Balaji Kulkarni	Evaluation of China aster cultivars under Northern dry zone of Karnataka	2015, Pp-122	In Compendium: Commercial Floriculture and Landscape Gardening
52.	Vinay Kumar, Shirol, A.M, and Balaji Kulkarni	Propagation studies in important ornamental climbers through cuttings	2015, Pp-121	In Compendium: Commercial Floriculture and Landscape Gardening
53.	Balaji Kulkarni and Manjula, H. Warar	Standardization of micro propogation in gerbera	2015, Pp-121	In Compendium: Commercial Floriculture and Landscape Gardening
54.	Balaji Kulkarni	Standardization of pulsing and holding solution s for extending vase life of bird of paradise	2015, Pp-125	In Compendium: Commercial Floriculture and Landscape Gardening
55.	Raveendra, Y C, Srikanth, L G and Balaji Kulkarni	Sensory garden	2015, Pp-123	In Compendium: Commercial Floriculture and Landscape Gardening
56.	Kalpaka, S, Srikanth, L .G and Balaji Kulkarni	Greening indoors- For Human health and well being	2015, Pp-123	In Compendium: Commercial Floriculture and Landscape Gardening
57.	Balaji Kulkarni and Srikanth ,L G	Pigments in marigold- A value Addition	2015, Pp-127	In Compendium: Commercial Floriculture and Landscape Gardening
58.	Sachin Hosur, Sateesh Patil and Balaji Kulkarni	Effect of different chemical preservatives on post harcest physiology and vase life of dutch Cv. Samurai	2015, Pp-127	In Compendium: Commercial Floriculture and Landscape Gardening
59.	Harish , S, Raveendra, Y C, Balaji Kulkarni and Naveenkumar, B	Extending vase life of anthurium by holding and pulsing solutions	2015, Pp-126	In Compendium: Commercial Floriculture and Landscape Gardening
60.	Anjali Kulkarni, Mukund Shiragur and Balaji Kulkarni	Ornamental plants: as source of antioxidants	2015, Pp-126	In Compendium: Commercial Floriculture and Landscape Gardening

61.	Raveendra, Y .C, Srikanth ,L .G and Balaji Kulkarni	Medicinal orchids	2015, Pp-126	In Compendium: Commercial Floriculture and Landscape Gardening
62.	Laxman Kukanoor, Shivanand Rayar, Manjula Karadiguddi, Jaishankar, H .P.	Influence of varieties on dehydration of red onion	Jan-2015	National seminar on Food security in India-policies, current issues and challenges on 12 &13 <sup>th</sup> January 2015 at JSS college Gokak
63.	Shivanand Rayar, Laxman Kukanoor, Manjula Karadiguddi, Jaishankar, H. P	Effect of pretreatments on dehydration of red onion	Jan-2015	National seminar on Food security in India-policies, current issues and challenges on 12 &13 <sup>th</sup> January 2015 at JSS college Gokak
64.	Jaishankar, H P, Laxman Kukanoor, Manjula Karadiguddi	Nostalgic products from wonder fruit	Jan 2015	Kerala Karshakan e-journal
<b>Folder</b>				
65.	Laxman Kukanoor, Manjula Karadiguddi, Jaishankar, H. P.	Fruit of the future	2015	Dr. Laxman Kukanoor under RKVY scheme
66.	Jaishankar H.P., Laxman Kukanoor, Manjula Karadiguddi, Kavya H.P	Poor man's crop but rich man's favorite	Feb 2015	Kerala Karshakan e-journal
67.	Jaishankar, H.P., Laxman Kukanoor, Manjula Karadiguddi, Kavya H.P	Value addition of king fruit	Feb 2015	Kerala Karshakan e-journal
68.	Laxman Kukanoor, Shivanand Rayar, Manjula Karadiguddi, Jaishankar, H.P	Influence of varieties on dehydration of red onion	Jan 2015	National seminar on Food security in India- policies, current issues and challenges held at JSS College Gokak
69.	Shivanand Rayar, Laxman Kukanoor, Manjula Karadiguddi, Jaishankar, H.P	Effect of pre treatments on dehydration of red onion	Jan 2015	National seminar on Food security in India- policies, current issues and challenges held at JSS College Gokak
70.	Shivand Rayar, Laxman Kukanoor	Azolla- the wonder fern	Dec-Jan 2015	Plant horti tech
71.	G. S. K. Swamy, Nataraja, K. H. & Anil, I. Sabarad	Bale beleyalli anusarisbekada pramukha chatuvatikegalu	Oct-Dec, 2014	Udhyan Loka
72.	Anil, I. Sabarad, Nataraja K. H. and G. S. K. Swamy	Bale beleyalli poshakamshagal nirvahane	Oct-Dec, 2014	Udhyan Loka
73.	Nataraja K. H, G. S. K. Swamy, and Anil I. Sabarad	Sudharita Bale Besayakke Sookta Kandugala ayke mattu nati paddatigalu	Oct-Dec, 2014	Udyan Lok
74.	Manjula, R. Praveen Jholgiker, Venkat Subbaiah, Prabuling, G, Swamy, G.S.K and Leninkumar, Y,	Morphological abnormality among hardening shoots of banana cv.Rajapuri(AAB) after in vitro multiplication with TDZ and BAP from exised shoot tips	2014	Int. J.Agr. Envi & Biotechnogy. <b>7</b> (3); 465-470
75.	Gurung, N, Swamy, G.S.K, Sarkar, S.K. Bhutia S.O and Bhutia K.C	Studies on seed viability of passion fruit ( <i>Passiflora edulis flavicarpa</i> Des)	2014	J Crop and Weed <b>10</b> (2): 484-487
76.	Shivalingappa Kumbar, Shabarish, P Rai, Swamy, G.S.K, and Mohamad Toufiq Hussain Naik	Hannina Krishiyelli, Mannina Pramukyate(Kannada)	Oct, 2014	Krishimitra pp.20-21
77.	G. Natasha, G. S. K. Swamy, R. C. Jagadeesh, N. Thammaiah and P. M. Gangadharappa	Testing seed viability in passion fruit	Dec 1-3, 2014	National Seminar on Strategies for Conservation, Improvement and Utilization of Underutilized fruits



78.	G. Natasha, G. S. K. Swamy, R. C. Jagadeesh, N. Thammaiah and A. I. Sabarad	Softwood grafting in passion fruit	-do-	-do-
79.	Mamata, N. P, Swamy, G. S. K., Thammaiah, N, Jagadeesh, R. C., Jagadeesh, S. L. and Sabarad, A. I.	Effect of coloured shade nets on softwood graft success in jackfruit	-do-	-do-
80.	Mamata, N. P, Swamy, G. S. K., Thammaiah, N, Jagadeesh, R. C., Jagadeesh, S. L. and Sabarad, A. I.	Effect of invigorated shoots on grafting success in jackfruit	-do-	-do-
81.	Sabarad, A. I., Swamy, G. S. K. and Nataraja, K. H.	Effect of seed treatments on germination of marking nut ( <i>Semecarpus anacardium</i> ) seeds	-do-	-do-
82.	Sabarad, A. I., Swamy, G. S. K., Srinivas, N and Patil, R. T.	Effect of different seed treatments on germination of charoli ( <i>Buchanania lanzan</i> ) seeds	-do-	-do-
83.	Archana, T Janamatti, Suresha, G. J., Swamy, G. S. K. and Vandana, A. K.	Influence of maturity stage and with or without stalk on physical and physiological changes in jamun fruits	-do-	-do-
84.	Archana, T Janamatti, Suresha, G. J., Swamy, G. S. K. and Vandana, A. K.	Putrescine influence physical, chemical and physiological changes in jamun fruits	-do-	-do-
85.	Rajeshwari Hosmani, Swamy, G.S.K. and Gririraj Ashok	Effect of season and pre curing of scion on soft wood grfting of jamun	- do -	do
86.	Somu, R ,Thammaiah, Kulkarni, M.S. and Swamy, .G.S.K	<i>In vitro</i> evaluation of antagonists against <i>Fusarium oxysporum</i> F. sp. <i>cubense</i>	Dec,2014	National symposium on Plant diseases: New perspectives and innovative management strategies held at UAS,Dharwad
87.	Vasundhara Agasar,Thammaiah, N, Gangadharappa, P.M, Kulkarni, M.S and Swamy, G.S.K	<i>In vitro</i> evaluation of plant extracts on the growth of <i>Erwinia chrysanthemi</i> causal agent of rhizome rot/tip over disease of banana	- do -	- do -
88.	Basavarajeshwari, Mulge R., Nagaraja, K. S., Srikanth, L. G., Raveendra, Y. C., Husainnaik ,MahamdToufeeq, Gowda V Harshavardhan,	Genetic Variability, Heritability and Genetic Advance for Yield and Yield Parameters and Fruit and Seed Quality Parameters in Cucumber ( <i>Cucumis sativus</i> L.),	2014,	<i>Trends in Biosciences</i> : 7(15) :1965-67.
89.	Basavarajeshwari, Mulge R., Nagaraja K.S., Srikant h L., Husainnaik Mahamad Toufeeq, Kumbar Shivaningapp	Genetic Variability, Heritability and Genetic Advance for Growth and Earliness Parameters in Cucumber ( <i>Cucumis sativus</i> L.)	2014	<i>Trends in Biosciences</i> : 7(15) : 1968-70
90.	Archana Pattar & Laxman Kukanoor	Studies on preparation and storage of tamarind squash	2015	<i>Journal of spices and aromatic crops</i> Vol. 24 (1): 37-42, 2015
91.	Archana Pattar & Laxman Kukanoor	Processed products of ber	Oct-Nov-2014	Plant Horti Tech
92.	Shivanand Rayar & Laxman Kukanoor	CEAEAT OPEEPEATEAVIA VAVAE AAVU A GU	Sept-2014	Ayurveda & yoga
93.	Kavya ,D, Naganagouda Patil, Yatish ,S M, Manjula Karadiguddi	mK <sup>a</sup> AmEA ««ZAVUKA <sup>a</sup> AVAUUA/gb»VA <sup>a</sup> AVA <sup>a</sup> gE GYAIVEAV <sup>1</sup> aEi <sup>a</sup> VAIAAJ <sup>a</sup> Ä«PE <sup>a</sup> AURE FÄ <sup>a</sup> gÄ <sup>a</sup> AAIA <sup>a</sup> PUAA ¥J uÄ <sup>a</sup> Ä	Oct-2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore

94.	Kavya, D, Naganagouda Patil, Yatish ,S M, Manjula Karadiguddi	Effect of varieties and anaerobic conditions on biochemical aspects of tomato wine	Oct-2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore
95.	Kavya ,D, Laxman Kukanoor, Manjula Karadiguddi & Shivanand Rayar	Preparation and storage of custard apple ready to serve beverage	Oct-2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore
96.	Kavya ,D, Laxman Kukanoor, Manjula Karadiguddi & Shivanand Rayar	Preparation and storage of custard apple ready to serve beverage	Oct-2014	10 <sup>th</sup> Kannada Vijnana Sammelana, Mysore
97.	Shivanand Rayar, Laxman Kukanoor, Manjula Karadiguddi & Ravi Pujeri	Preparation and storage of custard apple ready to serve beverage	Nov-14	Annadata Sukhibhav
98.	Rekha Kadi, Kavya D & Manjula Karadiguddi	Preparation and storage of custard apple ready to serve beverage	Nov-14	Annadata Sukhibhav
99.	Sachin Hosur, Shilpa Koppad, Kavya D & Manjula Karadiguddi	Preparation and storage of custard apple ready to serve beverage	Dec-14	Krishi mitra
100.	Sachin Hosur, Shilpa Koppad, Kavya D & Manjula Karadiguddi	Preparation and storage of custard apple ready to serve beverage	Dec-14	Krishi mitra
101.	Rani, R. Unnithan and Thammaiah, N.,	Studies on post harvest anthracnose disease of banana caused by <i>Colletotrichum musae</i> (Berk. & M.A. Curtis) Arx.	2014	National symposium on plant diseases new perspectives and innovative management strategies held at UAS, Dharwad
102.	Somu, R., Thammaiah, N., Kulakarni, M.S. and G.S.K.Swamy	In-vitro evaluation of antagonist against <i>Fusarium oxysporum</i> f.sp <i>cubense</i>	2014	National symposium on plant diseases new perspectives and innovative management strategies held at UAS, Dharwad
103.	Vasundhara, A, Thammaiah, N., Gangadarappa, P. M., Kulakarni, M.S.and Swamy, G.S.K	In-vitro evaluation of plant extracts on the growth of <i>Erwinia chrysanthemi</i> causal agent of rhizome rot/tip over disease of banana	2014	National symposium on plant diseases new perspectives and innovative management strategies held at UAS, Dharwad
104.	Natasha, G., Swamy, G.S.K., Jagadeesh, R.C., Thammaiah, N. and Gangadharappa, P.M	Testing seed viability in passion fruit	2014	National seminar on strategies for conservation, improvement and utilization of under utilized fruits held at Central Horticultural Experiment Station, Chettalli
105.	Natasha, G., Swamy, G.S.K, Jagadeesh, R.C., Thammaiah, N. and Sabarad, A.I.	Soft wood grafting in Passion fruit. Pp.247	2014	- do -
106.	Mamatha, N.P., Swamy, G.S.K., Thammiah, N, Jagadeesh, R.C., Jagadeesh, S.L. and Sabarad, A.I	Effect of coloured shade nets on soft wood grafts success in Jackfruit	2014	- do -
107.	Mamatha, N.P., Swamy, G.S.K., Thammiah, N, Jagadeesh, R.C., Jagadeesh, S.L. and Sabarad, A.I	Effect of invigorated shoots on grafting success in Jackfruit	2014	- do -
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109.	Jalawadi, S	Molecular characterization of hybrids and landraces of sapota by RAPD markers.	2014	Asian J. Hort., 9(1): 72-75

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112.	Dileepkumar Masuthi <sup>2*</sup> , Shivayogi Ryavalad <sup>2</sup> , Khaja Rubina s <sup>1</sup> ., Vinod Kumar <sup>3</sup> , Ashwini. M, Abdul kareem m <sup>2</sup>	Effects of different pelleting and priming treatments on germination percentage of cucumber seeds	2014 Page No:232	Abstracts In National Seed Congress-2014, Bhopal
113.	Dileepkumar masuthi <sup>2*</sup> , Shivayogi Ryavalad <sup>2</sup> , Khaja Rubina S <sup>1</sup> , Vinod kumar <sup>3</sup> , Ashwini. M, Abdul kareem ,M <sup>2</sup> ,	Germinability of lettuce seeds and its improvement by botanical priming.	2014 Page No:233	Abstracts In National Seed Congress-2014, Bhopal
114.	Dileepkumar Masuthi <sup>2*</sup> , B. S. Vyakaranahal, v.k Deshpande, r. C. Jagadeesha <sup>2</sup> , T.Shanthappa <sup>2</sup> , Mukesh I chavan <sup>2</sup> ,	Use of seed treatments as “insurance” to increase in seed quality parameters in onion.	2014 Page No:234	Abstracts In National Seed Congress-2014, Bhopal
115.	Khaja Rubina S <sup>1*</sup> , Dileepkumar Masuthi <sup>2</sup> , ashwini. M, Vinod Kumar <sup>3</sup> , Shivayogi Ryavalad <sup>2</sup> and Abdul Kareem M <sup>2</sup>	“Seed treatment” - a means of increasing seed quality in french bean ( <i>phaseolus vulgaris</i> l.)	2014 Page No:236	Abstracts In National Seed Congress-2014, Bhopal
116.	Khaja Rubina s <sup>1*</sup> , Dileepkumar Masuthi <sup>2</sup> , Ashwini. M, Shivayogi Ryavalad <sup>2</sup> ., Abdul Kareem M <sup>2</sup> ., Sudeesh Kulkarni M <sup>2</sup> .,	Effect of pollination by different species of honey bees on qualitative improvement on cucumber seeds	2014 Page No:185	Abstracts In National Seed Congress-2014, Bhopal
117.	Shantappa ,T ,R.C.Jagadeesha. Basavaraj, Ashok, Dileepkumar Masuthi	Effect of bioagents and inorganic seed treatment and packing materials on seed quality of dolichus bean during storage	2014 Page No:265	Abstracts In National Seed Congress-2014, Bhopal
118.	Shantappa T R.C.Jagadeesha. Basavaraj, Ashok, Dileepkumar Masuthi	Seed Quality as influenced by different stages of harvesting and drying methods in Bittergourd	2014 Page No:265	Abstracts In National Seed Congress-2014, Bhopal
119.	P. K. Reshmika, V. D. Gasti, Shashikanth Evoor, Ravindra Mulge, J. Jayappa	Genetic Divergence in Brinjal ( <i>Solanum melongena</i> L.) for Growth, Earliness, Yield and Quality Parameters	2015	Environment & Ecology 33 (2) : 756—760
120.	Tejegouda B.M.Jolli, R.B., Shivangoud Patil,Haleshkumar, Dileepkumar Masuthi	Split application of Nitrogen on synchronisation of flowering on its crop growth and seed yield components of pearl millet	2014 Page No:229	Abstracts In National Seed Congress-2014, Bhopal,
121.	Sateesh patil., Jolli, R.B., Tejegouda B.M. Haleshkumar, Dileepkumar Masuthi	Effect of nipping and boron spray on seed yield and quality of R Line of sunflower Hybrid DSFH-3	2014 Page No:229	Abstracts In National Seed Congress-2014, Bhopal,
122.	Tejegouda B.M.Jolli., Shivangoud Patil,Haleshkumar, Dileepkumar Masuthi	Effect of Nitrogen on syncroonisation of flowering bon seed quality parameters of pearl millet hybrid	2014 Page No:181	Abstracts In National Seed Congress-2014, Bhopal,
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144.	Nishatha .N , Dr Balaji S Kulkarni	Kabbina nadinollbba puspa krushika-	2014	Sukhibhava Annadata –August
145.	Dr. Dileepkumar Masuthi	Belegala roga nirwahaneyalli beejopacharada mahatwa	2014	Sukhibhava Annadata –August
146.	Dr. Dileepkumar Masuthi	Samagra totagarike paddhatiyalli vilidele	2014	Sukhibhava Annadata –July
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150.	Sangamesh, B. K*, Sandhyarani, N., Prabhuling. G., Sumangala, K., Dadapeer, P., Mukund. S. and R. C. Jagadeesha	<i>In vitro</i> plant regeneration in Pomegranate ( <i>Punica granatum</i> L.) cv. Kesar and Ganesh	2014	National conference on challenges and opportunities for production and supply chain of Pomegranate, at Bagalkot 17-19 June 2014 pp 25
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160.	Jaishankar ,H.P., Laxman Kukanoor, Archana Pattar	Value addition in ginger	April-May 2014	Plant Horti Tech
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162.	Anil Rathod, Shivanand Rayar, Laxman Kukanoor, Shakuntala Yadal		May, 2014	
163.	Shivanand Rayar, Laxman Kukanoor, Archana Pattar, Anil Rathod		May, 2014	
164.	Shivaningappa, Dileepkumar Masuthi, M.A Husain Nayak	Samagra totagarike paddhatiyalli viledele	Vol-2, July 2014.	Sukhibhav Annadata Page no: Popular article
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199.	Sreejith Vijayan, B. M. Ramakrishna, K. N. Sreenivas, T. H. Shankarappa and H. C. Krishna,	Impact of pre-harvest spraying of fungicides on postharvest development of anthracnose and quality of mango fruits.	2015	<i>Environment and Ecology</i> , 33(1): 180-185.
200.	P. Bohra, A. A. Waman, K. Umesha, B. N. Sathyanarayana, B. S. Sreeramu and E. Gangappa,	Key phonological events, their practical implications and effect of bunch age on physic-chemical and post harvest attributes in Ney Poovan banana ( <i>Musa AB</i> )	2014	<i>Erwerbs-Obstbau</i> , <b>57</b> : 13-22
201.	H. M. Vijaya, A.P. Mallikarjuna, S. D. Nehru, H. B. Lingaiah and K. Umesha,	Genetic diversity studies in chilli ( <i>Capsicum annuum</i> L.) Genotypes	2014	<i>Environment and Ecology</i> , <b>32</b> (4A) : 1559-1562.
202.	H. M. Vijaya, A. P. Mallikarjuna, S. D. Nehru,	Genetic variability, correlation studies in chilli genotypes for variability parameters	2014	<i>J. Env. Bio. Sci.</i> , <b>28</b> (2)129-131
203.	Pooja Bohra, Ajit Arun Waman, Konana Umesha, Satyanarayana Narayanappa, Chandrashekar Shivapur Channegowda and Divya Ballasamudra Lakshmipathi ,	In search of commercially acceptable panama wilt resistant natural variants in Ney Poovan banana ( <i>Musa AB</i> )	2014	<i>International Journal of Pest management</i> , <b>60</b> (4):307-313.
204.	Bandela Sravanthi, B. S. Sreeramu, B. Narsimha Swamy and K. Umesha,	Correlation and path analysis studies for yield and horticultural traits in coriander ( <i>Coriandrum sativum</i> ) under eastern dry zone of Karnataka.	2014	<i>Environment and Ecology</i> , Vol. <b>33</b> (1) : 60-63.
205.	Pooja Bohra, Ajit Arun Waman, B.N. Satyanarayana, K. Umesha and Balakrishnagowda, 2015	Influence of different growth regulators on invitro multiplication of mixed diploid banana ( <i>Musa AB</i> )		Proceedings: National academy of sciences, India, Section B, <i>Biol. Sci.</i>
206.	Yemene Girma, Doddamani, D., Fakrudin, B., Rajkumar, Sadik Ahmed Wasik Ahmed, Sheweta, G., Suvarna, P. and Hiremath, G., (2014)	Mining of gene-based SNPs from publicly available ESTs and their conversion to cost-effective genotyping assay in Sorghum ( <i>Sorghum bicolor</i> L.)		<i>J. Crop Sci. Biotech.</i> , <b>17</b> (3): 155-160,
207.	Jayashree Ugalath	Drought stress induced corky tissue formation in sapota fruit cv. Cricket ball is linked to enhanced reverse flow		<i>Scientia horticulture</i> <b>169</b> :20-26
208.	S.B. Gurumurthy, S.V. Patil, K.B. Vidyavathi, M.S. Lokesh, T. H. Shankarappa and M.A. Bellakki	Performance of Local Isolates of Arbuscular Mycorrhizal(AM) Fungi on Growth and Yield of Chilli ( <i>Capsicum annuum</i> L.) Grown in Black clayey soil	November, 2014	<i>International Journal of Current Microbiology and applied Sciences</i> , 3(9)404-408
209.	Imamsaheb, S.J. hanchinmani, C.N., and Ravi naik	Impact Of Drip Irrigation And Fertigation On Growth, Yield, Quality and Economic Returns in Different Vegetable crops	Dec. 2014	<i>The Asian Journal of Horticulture</i> Vol. 9 (2)
210.	Ravinaik k., hanchinamani, C. N., Patil, M.G. and Imamsaheb, S. J	Correlation and Path Coefficient Analysis in dolichos bean ( <i>Dolichos lablab</i> L.) Genotypes	Dec. 2014	<i>The Asian Journal of Horticulture</i> Vol. 9 (2)

211.	Imamsaheb, S. J and Hanchinmani, C. N	Effect of different levels of Fertilizers and Growth regulator on growth, Yield and Economic of Bitter gourd ( <i>Momardica charantia</i> ) under North Eastern transition Zone	Oct. 2014	<i>Plant Archives</i> Vol. 14 (2)
212.	Imamsaheb, S. J., and Hanchinmani, C. N	Effect of different levels of Fertilizers on growth, Yield and Economic of okra genotypes ( <i>Abelmoschus esculantus</i> )	Oct. 2014	<i>Plant Archives</i> Vol. 14 (2)
213.	Dr. Mohammed Farooq	Performance of coriander genotypes with respect to growth parameters and seed yield	July-August (2014)	<i>Research Journal of Agricultural Sciences</i> , 5(4):620-624
214.	Mulla, S. R., Kabadagi, C. B. and Surakod, V. S.	Effect of Flyash and FYM on growth, yield and nutrient uptake by rice	2014	<i>Bioinfolet</i> , <b>11</b> (2A):278-281.
215.	Mulla, S. R., Kabadagi, C. B. and Surakod, V. S.	Effect of Flyash on nitrogen mineralization under submerged condition	2014	<i>Bioinfolet</i> , <b>11</b> (2A):353-355.
216.	Dodamani, S. V., Mulla, S. R., Kabadagi, C. B. and Surakod, V. S.	Effect of organic manures, biofertilizers and inorganic fertilizers on growth and yield of sunflower	2014	<i>Bioinfolet</i> , <b>11</b> (2A):356-357.
217.	Sarawad, I. M., Surakod, V. S., Mulla, S. R. and Kabadagi, C. B.	Long term effect on integrated nutrient management on <i>rabi</i> sorghum-chickpea rotation.	2014	<i>Bioinfolet</i> , <b>11</b> (2A):367-372
218.	Dr.S.G.Praveenakumar	Title on Enhancing Academic Achievement of College Students through Yogic Practices	Jan-June, 2014, volume 10	<i>Asian Journal of Physical Education and Computer Science in sports</i>
219.	Mahesh, R.K., Praveen. J and Ravi. P	Effect of spacing on growth yield and quality of Guava cultivar. Sardar.	October 2014	<i>Indian Journal of Ecology</i> Vol:41(1):194-196
220.	Rekha. E., Kukanoor.L.,Adarsh. K and Praveen. J	Studies on effect of different curing methods on Physical parameters of Onion during storage	2014	<i>Plant Archives</i> Vol.14. No.1 (257-261)
221.	Adarsh. K., Kukanoor.L.,Rekha. E and Praveen. J	Influence of pre-treatments on physical parameters of dehydrated onion slices	2014	<i>Plant Archives</i> Vol.14. No.1 (525-528)
222.	R. Manjula, Praveen Jholgiker, K VenkataSubbaiah, G Prabhuling, G. S. K. Swamy	Morphological Abnormality among Hardened Shoots of Banana cv. Rajapuri (AAB) after <i>in vitro</i> Multiplication with TDZ and BAP from Excised Shoot Tips.	September-2014	<i>International Journal of Agriculture, Environment &amp; Biotechnology</i> Vol. 7, No. 3, p. 409-668, September 2014
223.	M.S. Lokesh, S.V. Patil, Nagesh Naik, A. Prashantha and K. Chandan	Evaluation of germplasms of <i>Colocasia esculenta</i> (L.) Schott and <i>Xanthosoma sagittifolium</i> (L.) against leaf blight ( <i>Phytophthora colocasiae</i> Raciborski.) in Central Western Ghats of Uttara Kannada of Karnataka in India	2014	<i>International Journal of Advanced Research in Biological Sciences</i> , 1(6):180-181.
224.	M.S. Lokesh, S.V. Patil, Nagesh Naik, A. Prashantha and K. Chandan	Efficacy of Fungitoxicants in the management of Leaf Blight ( <i>Phytophthora colocasiae</i> Raciborski) of Toro ( <i>Colocasia esculenta</i> (L.) Schott.) in Uttara Kannda, Karnataka, India	2014	<i>International Journal of Advanced Research in Biological Sciences</i> , 1(6):185-188.

225.	Hanchinmani, C. N. and Imamsaheb, S. J	Evaluation of Different Ridge gourd ( <i>Luffa acutangula</i> ) genotypes under Bidar condition	2014	Research Journal of Agricultural Sciences
226.	Imamsaheb, S. J and Hanchinmani, C. N	Effect of different levels of Fertilizers on Growth, Yield and Economic on various Ridge gourd Genotypes ( <i>Luffa acutangula</i> )	2014	Research Journal of Agricultural Sciences
227.	Ravishankar , M, P. Prashanth, P . Abhishek, K. and Thippanna, K. S.	Role of Calcium Compounds and Ethylene Absorbents in Post Harvest Losses	2014	Hortflora, <b>3</b> (2):190-192
228.	Dr. A.M. Rajesh	Influence of Integrated nutrient management on flower quality, yield & vase life of carnation	2014	Environment & Ecology
229.	Jagadish, K.N, Dr. M.R.Hegde, Dr.H.Amaranjundeswara	AAM KA SEEDHA Utapnan, Kisannow Ke Fayde	2014	A National Hindi Seminar : on Role of Agricultural Science and technology in food and nutritional security
230.	Dr.H.Amarananjundeswara	Studies on extending the post harvest life of potato by using PVC pipes with different ventilation during storage	2014	National Seminar Proceedings.
231.	N. Ashoka, Balachandra ,K. Naik and Vilas, S. Kulkarni	Export Dynamics of Arabica Plantation Coffee from India	2014	Green Farming Vol. 5 No. 4, July-August
232.	Harshavardhan, M., D.P. Kumar, M. Raviprasad, Sajjan, Rajesh A.M. and Yathidra, H.H	Influence of INM on flower quality, yield and vase life of carnation ( <i>Dianthus caryophyllus</i> L.) under polyhouse	2014	Green Farming Vol. 5 Issue No. 4, July-August
233.	Dileepkumar Masuthi <sup>2*</sup> , Shivayogi Ryavalad <sup>2</sup> , Khaja Rubina s <sup>1</sup> , Ashwini. M, Abdul kareem M <sup>2</sup> , Sudeesh kulkarni <sup>2</sup> , -	Effect of different priming treatments on germination and quality of cluster bean seeds.	2014	National Seed Conference held at Bhopal, Sept 2014- Page No:236
234.	Dileepkumar Masuthi <sup>2*</sup> , Shivayogi Ryavalad <sup>2</sup> , Khaja Rubina S <sup>1</sup> , Vinod Kumar <sup>3</sup> , Ashwini. M, Abdul kareem, m <sup>2</sup> ,	Germ inability of lettuce seeds and its improvement by botanical priming.	2014	National Seed Conference held at Bhopal, Sept 2014- Page No:233-
235.	Khaja Rubina, S <sup>1*</sup> , Dileepkumar Masuthi <sup>2</sup> , Vinod Kumar <sup>3</sup> , Shivayogi Ryavalad <sup>2</sup> and Ashwini, M.	Seed germination and seedling developmental attributers in response to seed priming in dolichus bean	2014	National Seed Conference held at Bhopal, Sept 2014- Page No:233
236.	Khaja Rubina, S <sup>1*</sup> , Dileepkumar Masuthi <sup>2</sup> , Ashwini, M, Shivayogi Ryavalad <sup>2</sup> , Abdul Kareem, M <sup>2</sup> , Sudeesh Kulkarni <sup>2</sup> ,	Effect of pollination by different species of honey bees on qualitative improvement on cucumber seeds	2014	National Seed Conference held at Bhopal, Sept 2014- Page No:185
237.	Shivayogi Ryavalad, Ashok Surwenshi, Kattimani, K. N, B Ravikumar, and Prakash, D. P	Study on Adoption of Technological Interventions by the IFS Beneficiaries of Hospet Taluka of Karnataka	Paper Presented in national workshop on ifs	Conducted by NIRD, Hyderabad
238.	Dr. D. P. Prakasha	Mango cultivation practices	Oct 2014	DDH, Sujala, Koppala
239.	Dr. D. P. Prakasha	Guava Cultivation practices	Oct 2014	DDH, Sujala, Koppala

240.	Shivayogi, R., Prakasha, D. P.	Studies on adaptation of technology intervention by IFS beneficiaries of Hospet taluk of Karnataka	4/12 2015	National conference of 'Promoting IFS in WMP: Critical issues' held at NIRD, Hyderabad
241.	Prakasha, D.P.	Effect of Agrobacterium infection time, co-cultivation and cell density on in vitro responses in hypocotyls of eggplant ( <i>Solanum melongena</i> L.)	June 2014	Journal of Horticultural sciences (Accepted for publication)
242.	Prakasha, D.P	Factors affecting in vitro shoot regeneration in hypocotyls of brinjal ( <i>Solanum melongena</i> L.) in early Agrobacterium-mediated transformation steps	June 2014	Journal of Horticultural sciences (Accepted for publication)
243.	Sharathpal, M.V., Hegde, N.K., Hanamashetti, S.I. and Kulkarni, M.S.	Effect of organic manures on the performance of ginger under Northern dry zone of Karnataka	2014	Journal of Spices and Aromatic Crops, 24 (1): 121-124
244.	Vikram, H.C. and Hegde, N.K.	Performance of ginger in cashew plantation (As intercrop) compared to sole cropping.	2014	The Asian Journal of Horticulture, 9 (1) : 187-89
245.	Vikram, H.C. and Hegde, N.K.	Performance of turmeric in cashew plantation as intercrop compared to sole cropping.	2014	The Asian Journal of Horticulture, 9 (2) : 496-499
246.	Abhishek , K, Shantappa Tirakannanavar and Jagadeesha, R.C.	Genetic variability and character association in segregating population of Okra	2014	Green Farming, 5 (5): 749-753 (2014)
247.	R. Narasannanavar, V.D. Gasti, T. Shantappa, R. Mulge, T.B. Alloli and N. Thammaiah	Heterosis studies in ridge gourd	2014	Kar. J. of Agril. Sci., 27(1): 47-51
248.	S.B. Gurumurthy * , S.V.Patil ., K.B.Vidyavathi ,M.S.Lokesh,T.H. Shankrappa	Performance of Local Isolates of Arbuscular Mycorrhizal (AM) Fungi on Growth and Yield of Chilli ( <i>Capsicum annuum</i> L. ) Grown in Black Clayey Soil	September 2014	International Journal of current microbiology and applied sciences
249.	S.V.Patil, N.Basavaraj, Rajkumar G.R., S.B. Gurumurthy and Shantappa T.	A review of recommendation for maintaining post harvest quality of Potato ( <i>Solanum tuberosum</i> L.)	September 2014	National Seminar on Post harvest management and processing of potato for increasing food security in India.
250.	Kedarnath, Kiran Nagajjanavar and S.V.Patil	Osmotic dehydration characteristics of Sapota (Chikoo) slices.	October 2014	International Journal of current microbiology and applied sciences
251.	Arunkumar, P., Kiran Nagarjunavar, S.V.Patil and Planimuttu, V.	Effect of moisture content on the engineering properties of Cashew nuts	October 2014	International Journal of Advanced Research in Biological Sciences
252.	S.B. Gurumurthy, * S.V.Patil., K.B.Vidyavathi., M.S.Lokesh,T.H. Shankrappa	Performance of Local Isolates of Arbuscular Mycorrhizal (AM) Fungi on Growth and Yield of Chilli ( <i>Capsicum annuum</i> L. ) Grown in Black Clayey Soil	September 2014	International Journal of current microbiology and applied sciences
253.	S.V.Patil, N.Basavaraj, Rajkumar G.R., S.B. Gurumurthy and Shantappa T.	A review of recommendation for maintaining post harvest quality of Potato ( <i>Solanum tuberosum</i> L.)	September 2014	National Seminar on Post harvest management and processing of potato for increasing food security in India.
254.	Ratnakar Manjunath Shet, Rajanna ,M. P, Ramesh, S, Mohan Kumar, M. V, Sheshshayee, M. S and Mahadevu, P.	Variability and genetic diversity of Rice ( <i>Oryza sativa</i> L.) for yield and yield related traits under aerobic condition	1(7): 224–232 2014	International Journal of Advanced Research in Biological Sciences

255.	Rajamma ,A.J., Sateesha, S.B., Addanki Rahul Deva Varma and Chandan, K.,	Development of fast dispersing tablets of nebulolol: experimental and computational approaches to study formulation characteristics.	2015	<i>Brazilian journal of Pharmaceutica I Sciences</i> , Vol.50 (4), pp:94-99.
256.	M.S.Lokesh, S.V.Patil,Nagesh Naik,Prashantha,A and K,Chandan.	Efficacy of Fungitoxicants in the management of leaf blight ( <i>Phytophthora colocasiae</i> Raciborski) of Taro ( <i>Colocasia esculenta</i> (L.) Schott.) in Uttar Kannada, Karnataka,India.	2014	<i>International Journal of Advanced Research in Biological Sciences</i> . 2014:1(6):185-188
257.	M.S.Lokesh, S.V.Patil,Nagesh Naik,Prashantha,A and K,Chandan.	Evaluation of germplasms of <i>Colocasia esculenta</i> (L.) Schott and <i>Xanthosoma sagittifolium</i> (L.) Schott against leaf blight ( <i>Phytophthora colocasiae</i> Raciborski.) in central Western Ghats of Uttar Kannada of Karnataka in India.	2014	<i>International Journal of Advanced Research in Biological Sciences</i> . 2014:1(6):180-184
258.	Raju L. Chavan, Shivanna, H., Kattimani, K.N. and Ashok	Carbon sequestration potential and seed yield of bio fuel species in North Eastern dry zone of Karnataka	2014	<i>Progressive Research</i> 9 (1): 91-94 (2014)
259.	Kedarnath, Kiran Nagajjanavar and S.V.Patil	Osmotic dehydration characteristics of Sapota (Chikoo) slices.	October 2014	<i>International Journal of current microbiology and applied sciences</i>
260.	Arunkumar , P ., Kiran Nagarjunavar, S.V.Patil and Planimuttu V.	Effect of moisture content on the engineering properties of Cashew nuts	October 2014	<i>International Journal of Advanced Research in Biological Sciences</i>
261.	Indu Panchal., Sharma, D. K. and Kiran Nagajjanavar	Optimization of process Parameters in Soyamilk for maximum Production and quality by Manufacturing Unit	June 2014	<i>Annals of Agri-Bio Research</i>
262.	Shiddanagouda Yadachi, Indra Mani and Kiran Nagajjanavar,	Influence of Seed Coat Treatments on Seedling Emergences of Carrot ( <i>Daucus carota</i> L.).	November 2014	<i>International Journal of Current Microbiology and Applied Sciences</i>
263.	Shiddanagouda Yadachi, Arvavind Rathod and Kiran Nagajjanavar	Mechanization in Fruit and Vegetable Production	December 2014	<i>Horti Mech Souvenir at Bruhat Udyana Mela,</i>
<b>RESEARCH NOTE</b>				
264.	M. S. Lokesh, S. V. Patil, M. G. Palakshappa and S. B. Gurumurthy	Role of systemic fungicide metalaxyl mancozeb in management of Koleroga ( <i>Phytophthora meadii</i> Mc Rae) of arecanut ( <i>Areca catechu</i> L.) in Central Western ghats of Karnataka	April 2014	<i>Asian Journal of Bio Science</i>

#### I. Research papers

- Math, M., Kotikal, Y.K. and Narabench, G., 2014, Management of drumstick pod fly *Gitona distigma* (Meigen) *International Journal of Advances in Pharmacy, Biology and Chemistry*. **3(1)**:54-59.
- Math, M., Kotikal, Y.K. and Ganiger, V.M., 2014, Studies on beneficial fauna of drumstick (*Moringa oleifera*) ecosystem. *Green farming*, **5(5)**: 905-907.
- Malaghan S.N., Madalageri M.B. and Kotikal Y.K., 2014, Correction and path analysis in cluster bean, *Cyamopsis tetragonoloba* (L.) Taub. for vegetative pod yield and its component characters. *The bioscan* **9** (3): 1583-1586.

Math, M. and Kotikal, Y.K., 2015, Seasonal incidence of insect pests, natural enemies and pollinators in drumstick (*Moringa oleifera* Lamk.) ecosystem. *Green farming*, **6**(1):144-148.  
 Math, M., Kotikal, Y.K. and Madalageri, M.B., 2014, Studies on natural enemies of insect pests of drumstick *J.Biol. Control*, **27**(4):336-339.  
 Math, M. and Kotikal, Y.K., 2014, Studies on insect pests of drumstick *Moringa oleifera*. *Indian Journal of Plant Protection*, **42**(4):461-464.  
 Math, M. and Kotikal, Y.K., 2015, Biology of Drumstick pod fly, *Gitona distigma* (Meigen) *Indian Journal of Ecology*, **42**(1): 249-250.

## 9.2 Papers presented in Symposia/Conference

Sl No	Name of the Monthly/Bimonthly/Quarterly News Letter or Magazine	Publishing Authority	Member of Editor Committee	No. of issues Published
1	Udyana Loka	Publication Centre, UHS, Bagalkot.	Vol. 1(3), 2012, Vol. 2(4), Jan-March, 2013, Vol. 3(1), April-June, 2013, Vol. 3(2), July-Sept, 2013, Vol. 3(3), Oct-Dec, 2013, Vol. 3(4), Jan-Mar, 2014	UHS, Bagalkot
2	Udyana Loka	UHS, Bagalkot	HRS Arsikere	Vol. 1(3), 2012, Vol. 2(4), Jan-March, 2013 Vol. 3(1), April-June, 2013, Vol. 3(2), July-Sept, 2013 Vol. 3(3), Oct-Dec, 2013, Vol. 3(4), Jan-Mar, 2014
3	Processing, extraction and quality analysis of medicinal and aromatic crops. In: Post harvest management of Hortl. Crops for food and nutritional security	M/s. Mangalam Publications, New Delhi	Dr. Laxminarayan Hegde Editor: Subhash Chandra Swain	Book Chapter pp. 333-384
4	Scientific Analogy of Fruits	Discovery Publishing House Pvt. Ltd, Darya Ganj, New Delhi-2	Dr. Laxminarayan Hegde	Book p. 199
5	Improved cultivation practices for Black pepper (in Kannada)	Dr. Laxminarayan Hegde, Prof. & Head, HREC, Sirsi	Dr. M. N. Venugopal & Sharatpal M.V.	Multi colour Folder
6	-do- (DVD in Kannada)	-do-	Dr. M. N. Venugopal	DVD

## Papers presented in Symposia/Conference

Name /Particulars	Title	Seminar/Workshop
Dr. Shivapriya, M.	Characterization of muskmelon local types of Karnataka for yield attributing traits	Strategies for improvement, enhancing productivity and utilization of cucurbits 8/08/2014 to 10/8/2014 National seminar cum workshop
	Screening of muskmelon landraces of Karnataka for downy mildew disease resistance	
Vijaya, H.M., Mallikarjuna Gowda, A.P., Lingaiah, H.B., Umesha, K. and Nehru, S.D.	Genetic Diversity Studies in Chilli	National Conference on Spices, 19-21, Dec-2013, UAHS, Shimoga

Pooja Bohra, Ajit Arun Waman, K. Umesha, B.N. Satyanarayana, and E. Gangappa	Identification of early and short statured diploid Ney Poovan banana ( <i>Musa AB</i> ) for commercial scale utilization	6 <sup>th</sup> Indian Horticulture congress, Nov 6-9 <sup>th</sup> , 2014, Coimbatore, pp-86
Patil, S., Fakrudin, B., Rajkumar, Khot, A., Charan, A., Siji, P.K., Bhairappanavar, S.B., Narayan, Y.D. and Krishnaraj, P.U.	Analysis for stability performance of selected recombinant inbred lines of two populations for stay-green in sorghum	Abstract In: National seminar on breeding for abiotic stresses : problems and prospects
Patil, S., Fakrudin, B., Rajkumar, Khot, A., Charan, A., Siji, P. K., Bhairappanavar, S.B., Narayan, Y.D. and Krishnaraj, P.U.	Studies on genetic variability and correlation for post-flowering drought tolerance in two recombinant inbred populations of sorghum	Abstract In: National seminar on breeding for abiotic stresses : problems and prospects
Ajit ArunWaman, Pooja Bohra, B.N. Satyanarayana, K. Umesha, Balakrishnagowda and T. H. Ashok	Invitro shoot multiplication and root induction in silk banana ( <i>Musa AAB</i> ) as influenced by the monochromatic light spectra.	6 <sup>th</sup> Indian Horticulture congress, Nov 6-9 <sup>th</sup> , 2014, Coimbatore, , pp-223
Praneeth, Y. S. Mallikarjuna Gowda, A. P., Timmegowda, M. N., Ranjini, T. N. and Sowmya Kumari	Standardization of irrigation and nutrient schedule for drip fertigation in coleus	International conference on Medicinal Plants and Herbal Drugs for Human Welfare, 28.01.2015, Tamilnadu

### Papers presented in Syposia/Conference

Sl. No.	Name of Author	Title	Year of Publish	Name of Journal
1	N.Basavaraja, S.V.Patil, Chandan K. And Shivanand Hongal	Spine gourd: the Golden vegetable of western ghats	2015	Proceedings SEAVEG 2014 Families, farms, food: Sustaining small-scale vegetable production and marketing systems for food an nutrition security, 25-27 Feb 2014, Bangkok, Thailand
2	Basavaraja, N., Ramachandra Naik, Chandan, K., and Shivanand Hongal,	Potato as a livelihood alternative in non-traditional areas of Karnataka.	2014	Natioal seminar on Post harvest management and processing of potato for increasing food security in India, 22 Sept 2014 pp:165
3	Basavaraja, N., Chandan, K., and Shivanand Hongal	Introduction of potato in non-traditional area as a livelihood alternative for sustainable agro-ecosystem Lumbini, Nepal	2014	International scientific conference on Environmental Research-Issues challenges and strategies for sustainable development and livelihood security, 1-3 Nov 2014 pp:18
4	Laxminarayana Hegde, Rahul S Pathak, N.K.Hegde and Vijayakumar Narayanpur	Effect of application of nutrients and spacing on growth, seed yield and tuber yields of glory lily ( <i>Gloriosa superba</i> L.)	2014	Research paper presented and published in the 5 <sup>th</sup> Annual Conference on American Council for Medicinally Active plants on June 15 -18, 2014, North Dakota State University, Fargo, USA Page :15
5	Shantappa Tirakannanavar, Jagadeesha, R.C., Basavaraja, N., Ashok., Udchappa Pujar, Abhishek Katagi and Dileepkumar Masuthi	Effect of bioagents and inorganic seed treatment and packing materials on seed quality of Dolichos Bean during storage	2014	Paper presented at 7 <sup>th</sup> National Seed Congress on Quality seeds for Successful Agriculture" from 25 – 27 September, 2014 at Bhopal
6	Shantappa Tirakannanavar, Jagadeesha, R.C., Basavaraja, N., Ashok., Udchappa Pujar, Abhishek Katagi and Dileepkumar Masuthi	Seed quality as influenced by different stages of harvest and drying methods in Bitter gourd	2014	Paper presented at 7 <sup>th</sup> National Seed Congress on Quality seeds for Successful Agriculture" from 25 – 27 September, 2014 at Bhopal

7	Arunkumar, H.S., Shantappa, T., Abhishek Katagi, Jagadeesha, R.C., Munikrishnappa, P.M., Ashok and Udchappa Pujar,	Effect of seed treatments, containers and storage condition on quality and storability of china aster seeds ( <i>Callistephus chinensis</i> (L.) Nees)	2014	Paper presented at 7 <sup>th</sup> National Seed Congress on Quality seeds for Successful Agriculture" from 25 – 27 September, 2014 at Bhopal
8	Rekha Halur, Shantappa T., Jagadeesha, R.C., Gasti, V.D., Jayappa, J., Basavarajappa, H.R., Shivanand, K. and Gururaj, K.	Pollen storage conditions and pollination with stored pollens on fruit set, seed yield and quality in Okra hybrid	2014	Paper presented at 7 <sup>th</sup> National Seed Congress on Quality seeds for Successful Agriculture" from 25 – 27 September, 2014 at Bhopal
9	Munikrishnappa, P.M. and Shantappa Tirakannanavar	Flower yield, seed yield and quality of different varieties of china aster	2014	Paper presented at 7 <sup>th</sup> National Seed Congress on Quality seeds for Successful Agriculture" from 25 – 27 September, 2014 at Bhopal
10	Gururaj S. Kakamari, R.C. Jagadeesha, T., Shantappa, H.R. Basavarajappa, Vijaykumar Rathod and H. Rekha	Combining ability for yield and its components in pumpkin	2014	Paper presented at National Seminar cum Workshop on Strategies for improvement, enhancing productivity and utilization of cucurbits from August, 08 to 10, 2014 at Central Horticultural Experimental Station, Bhuvaneshwar.
11	Rekha Halur, Shivanand Koppad, Shantappa, T. and Ashok	Aarogyada Anabe	2014	Karnataka Times, Daily News paper, published from Gokak, on 26.12.2014
12	Rekha Halur, Shivanand Koppad, Shantappa, T. and Ashok	Vivida savayava gobbaragalu vakkalu vaani	2015	Karnataka Times, Daily News paper, published from Gokak, in Jan, 2015
13	Rathnakar M Shet., S.V. Patil., Shivanand Hongal And Basavaraj N.	Genetic Variability Studies for the Improvement of Samber Southe Cultivars of Western Ghats of Karnataka	2014	An International Event Horticulture for Inclusive Growth November 6-9, 2014 BOOK OF ABSTRACTS
14	Shivanand Hongal, Ratnakar M. Shet, N. Basavaraj and Sudheesh Kulkarni	Variability Studies in Snake gourd ( <i>Trichosanthes cucumerina</i> L.)	2014	Indian Horticulture congress 2014, 65pp
15	Pushpa P., Jayalaxmi N. Hegde, Chandan, K., and Shivakumar K.M	Cyber Extension to accelerate agricultural growth.	2014	7 <sup>th</sup> National Women Science Congress, 7-9 <sup>th</sup> November, 2014 pp:74.
16	Ratnakar M Shet., Raghunath, R., Manukumar, H.R, Prashantha, A and Srinivasalu, G.B	Western Ghat of Uttara Kannada-Home for Horticulture Crop Diversity.	2014	Issues, Challenges and Opportunities in Horticulture, Tourism and Information technology in India.
17	Satish kumar, S.K., Karthik, Kedar Patil, Kiran Nagajjanavar and Basamma	High pressure processing of sea foods.	15-16 February 2014	Karnataka State Agricultural Engineers Conference, CAE, Raichur
18	S.K. Karthik, Satish kumar, Kiran Nagajjanavar and Kedar Patil and Shivbasappa,	Fermented beverages. Karnataka State Agricultural Engineers Conference	15-16 February 2014	
19	S.K. Karthik, Satish kumar, Kedar Patil, Kiran Nagajjanavar and Shivbasappa	Nano technology in food packaging	15-16 February 2014	
20	Satishkumar, S.K. Karthik, Kiran Nagajjanavar and Kedar Patil	Extrusion Technology for Jackseed	15-16 February 2014	



## Papers presented in Symposia/Conference

Name of Scientist	Title	Date & place
Raghavendra.S, ErannaRajeshakera, Satish D	Isolation and purification of antibacterial component against Bacterial blight of Pomegranate	17 <sup>th</sup> -19 <sup>th</sup> June
Raghavendra.S,	Evaluation of phytoconstituents, nutrient composition and study of antioxidant properties in Moringaoliufera-Bhagya KDM01 variety	21 <sup>st</sup> April
Nagaraja, M.S., Lakshmikanth, B.P. and Srinivasamurthy, C.A.	Land use change in Indian Western Ghats: Sink –Source Potentials for CO <sub>2</sub> .	2014
Nagaraja, M.S., Prabhakara G.V. Reddy and Srinivasamurthy, C.A.	Carbon stocks and soil fertility in physically degraded lands – Are we over estimating ?	2014
Dr. Kiran Kumar, KC	1. Management of bacterial blight disease of pomegranate 2. Survival of <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> in soil and crop residues 3. <i>In vitro</i> evaluation of microbial antagonists and botanicals against <i>X. axonopodis</i> pv. <i>punicae</i> causing bacterial blight of pomegranate 1. Isolation of the toxin metabolite produced by <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> causing Blight of pomegranate and its bioassay	2014

## 9.3 Popular Articles

SI No.	Name of the Scientist	Title	Particulars of Paper
1	Mr. G. K. Seetharamu	Floriculture: National and international scenario	Siri Vatika, Annual day magazine, COH, Bangalore
2	Dr. Mamathalakshmi, N.	Significance of assessing feedback	Siri Vatika, Annual day magazine, COH, Bangalore
3	Er. Nagaraja, G.	Raita seveyalli krishi upakaranagalu	Siri Vatika, Annual day magazine, COH, Bangalore
4	Laxminarayan Hegde, M. N. Venugopal, Vijaykumar Narayanpur	Farmers' effort is essential for rejuvenation of Black pepper (Kannada)	'Svarnavalli Prabha'(Kannada) Monthly magazine, Published by Svarnavalli Prathisthana, Mathadevala, May, 2014
5	Pallavi.H.M, Kulpathi hippargi and Ambika.D.S	ಇವುಗಳ ಮೇಲೆ ಹೂವುಗಳ ಬೆಳೆಸುವಿಕೆ - ಕೆಳಕಂಡು ಬರುವಂತಹವುಗಳನ್ನು ಬಳಸಿ	ಸಿರಿ ವತಿ, ಸಿರಿ ವತಿ, ಸಿರಿ ವತಿ - ಇವುಗಳ ಮೇಲೆ ಹೂವುಗಳ ಬೆಳೆಸುವಿಕೆ - ಕೆಳಕಂಡು ಬರುವಂತಹವುಗಳನ್ನು ಬಳಸಿ
6	ಇವುಗಳ ಮೇಲೆ ಹೂವುಗಳ ಬೆಳೆಸುವಿಕೆ - ಕೆಳಕಂಡು ಬರುವಂತಹವುಗಳನ್ನು ಬಳಸಿ	ಇವುಗಳ ಮೇಲೆ ಹೂವುಗಳ ಬೆಳೆಸುವಿಕೆ - ಕೆಳಕಂಡು ಬರುವಂತಹವುಗಳನ್ನು ಬಳಸಿ	ಸಿರಿ ವತಿ, ಸಿರಿ ವತಿ, ಸಿರಿ ವತಿ - ಇವುಗಳ ಮೇಲೆ ಹೂವುಗಳ ಬೆಳೆಸುವಿಕೆ - ಕೆಳಕಂಡು ಬರುವಂತಹವುಗಳನ್ನು ಬಳಸಿ

7	ಎಲೆಕ್ಟ್ರೋನಿಕ್ ಪ್ರಾಜೆಕ್ಟ್, ಡಿಜಿಟಲ್ ಮಾರ್ಕೆಟಿಂಗ್, ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ - ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ, 17-19 ಜೂನ್, 2014, ಪುಟ:68-72
8	ಎಲೆಕ್ಟ್ರೋನಿಕ್ ಪ್ರಾಜೆಕ್ಟ್, ಡಿಜಿಟಲ್ ಮಾರ್ಕೆಟಿಂಗ್, ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ - ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ, 17-19 ಜೂನ್, 2014, ಪುಟ:15-26
9	ಎಲೆಕ್ಟ್ರೋನಿಕ್ ಪ್ರಾಜೆಕ್ಟ್, ಡಿಜಿಟಲ್ ಮಾರ್ಕೆಟಿಂಗ್, ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ - ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ, 17-19 ಜೂನ್, 2014, ಪುಟ:21-25
10	ಎಲೆಕ್ಟ್ರೋನಿಕ್ ಪ್ರಾಜೆಕ್ಟ್, ಡಿಜಿಟಲ್ ಮಾರ್ಕೆಟಿಂಗ್, ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ	ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ - ಜಿಲ್ಲಾ ಮಟ್ಟದ ಸ್ಪರ್ಧೆಗೆ ಸಾಫ್ಟ್‌ವೇರ್ ಅಭಿವೃದ್ಧಿ, 17-19 ಜೂನ್, 2014, ಪುಟ:42-47
11	Pallavi, H. M., Kulapati Hipparagi and Ambika, D. S.,	Dalimbeyalli gunamatta sasigala ayke-adika labada sanketa,	punikesara- souvenir, UHS, Bagalkot, 17-19 june.
12	Ambika, D .S, R. K. Mesta and Sarvamangala Cholin	Pest and disease management of seed spice-Coriander	Accepted for June issue of Udyanaloka
13	Prabhuling, G, Raghavendra ,S and Babu, A.G.	Tissue culture in pomegranate	Published in Punikesar- National conference on challenges and opportunities for production and supply chain of pomegranate at UHS, Bagalkot Souvenir of during 19th June, 2014.
16	SenthilKumaran, G., Carolinranthinakumari and Nagaraja, G.	Mechanization in vegetables crops	Published in Souvenir Horti Mech 2014 published by UHS, Bagalkot
17	Dr. T.B.Basavaraju	Udyana Loka	Vol.3(4),Jan-Mar,2014
18	Maheshwar, D.L., Venkatesh,J., Ramachandra Naik, K., Vishnuvardhana and Shreedhar.	Potato Production Scenario in Karnataka.	National Seminar on Post Harvest Management and Processing of potato for increasing food security in India held on 20 <sup>th</sup> to 22 <sup>nd</sup> Sep 2014 at UAS, Dharwad.
19	Maheshwar, D.L., Venkatesh,J., Ramachandra Naik, K., Vishnuvardhan and Soumya Shetty	Postharvest management and Processing of Potato in Karnataka.	National Seminar on Post Harvest Management and Processing of potato for increasing food security in India held on 20 <sup>th</sup> to 22 <sup>nd</sup> Sep 2014 at UAS, Dharwad.
20	Dr. Laxminarayan Hegde Dr. Manju Mrs. Aswini Gouda	' Bharatadalli Sambara Padarthagala Raptu Vahivatu'	April to June -2015 UHS Bagalkot.
21	Bhuvaneshwari. G. Vasant, M. Ganiger and Mamatha Dalavi	Post Harvest Technology and value addition to banana	2014
22	Anand, G. Nanjappanavar	How to improve banana bunch size	Anand G N and Harish. B. S
23	Suhasini Jalawadi and D. Kiranshankar	Honey-Nature's Energy Booster	Plant Horti Tech., 14(2): 31.
24	Jalawadi Suhasini and Kiranshankar, D	Micrografting in fruit crops-Overview	Reader shelf, 10 (9):5-6
25	Dr. K. Umesha, G. N. Manjesh, B.Sureshkumara and Dr. A. P. M. Gowda	Kalmegh	COH, Bengaluru
26	Dr.K.Umesha, Revanappa R Bandri, Manjesh, G.N and B. Suresh kumara	Sompu besaaya	COH, Bengaluru



11	Dr. Vishnuvardhana Dr. Prasad, P. S.	±Aap "MATA AZAJ vA "A AATA YENUMA	Horticulture Research Station, Somanahallikaval, Hassan – 573219.
12	Dr. Vishnuvardhana Dr. Prasad, P. S.	CJ 2E "MATA GVAZEA vAAWBB	Horticulture Research Station, Somanahallikaval, Hassan – 573219.
13	Basavaraju, T.B., Sunita Patil Prashanth, M	Importance of drip-Fertigation in coconut.	2014, Leaflet in Kannada, HRS, Arsikere
14	Sudarshan, G.K., Basavaraju, T.B., Prashanth, M. and Chandrasekhar, G.S.	Integrated disease management in coconut.	2014, Leaflet in Kannada, HRS, Arsikere.
15	Mr.Sudarshan, GK Dr.Basavaraju, TB Dr.Prashanth, M	Integrated disease management of ginger.	2014, <i>Udyana Loka</i> : Quarterly Kannada magazine, 4 (1): 36-38
16	Basavaraju, T.B. Prashanth, M. Sudarshan, G.K.	Coconut based cropping systems (Leaflet in Kannada)	November, 2014, HRS, Arsikere
17	Basavaraju, T.B. Sudarshan, G.K. Sunita M Patil	Integrated Nutrient Management in Coconut (Leaflet in Kannada)	December, 2014, HRS, Arsikere
18	Basavaraju, T.B. Prashanth, M. Sunita M Patil	Drip Irrigation in Coconut (Leaflet in Kannada)	December, 2014, HRS, Arsikere
19	Basavaraju, T.B. Prashanth, M. Sunita M Patil	Moisture Conservation in Coconut Gardens (Leaflet in Kannada)	December, 2014, HRS, Arsikere
20	Basavaraju, T.B. Prashanth, M. Sunita M Patil	Importance of Green Manuring in Coconut (Leaflet in Kannada)	December, 2014, HRS, Arsikere
21	G.S.Chandrashekar Basavaraju, T.B. Sudarshan, G.K.	Integrated Pest Management in Coconut (Leaflet in Kannada)	December, 2014, HRS, Arsikere
22	Dr. Prasad, P. S. Dr. Vishnuvardhana	D@AUBq "MATA ° è A A AgPLU	Horticulture Research & Extension Station, Somanahallikaval, Hassan – 573219.
23	-	Onion diseases and its management	2014
24	-	Improved cultivation practices in Capsicum	2014
25	-	Integrated Nutrient Management in chilli	2014
26	-	Integrated Disease Management in chilli	2014
27	-	Integrated Pest Management in chilli	2014
28	-	Important characteristics of chilli varieties	2014
29	-	IDM of rhizome rot of ginger	2014

30	Dr. Laxminarayan Hegde Dr. Manju Dr. Vijayakumar Narayanapur	'Kalumenasina sorgu roga niyantranakke kasi balliya besaya'	Head, Horticultural Research & Extension Station, Sirsi.
31	Dr. Shankar Meti, Mr. Naveen M. Puttaswamy and Dr. J. Venkatesha	Inputs for Organic Farming	DR Office
32	Dr. J. Venkatesha, Dr. D. R. Patil, Dr. Shankar Meti, Mr. Naveen M. Puttaswamy and Dr. D.S. Ambika	Improved Varieties and Technologies of UHS Bagalkot	DR Office
33	Mr. Naveen M. Puttaswamy, Dr. S.R. Patil, Dr. J. Venkatesha	Cultivation of Gerbera under poly house	DR Office
34	Mr. Shripad Vishweshwar, Mr. Naveen, M. Puttaswamy, Dr. Shankar Meti.	Banana marketing centers in India	DR Office
35	C.B.Koujalagi, Tanveer Ahmed, Shripad Vishaveshwar and Sachin Nandimath.	Krishi Marata Mahitiya Adhunik Ayamagalu	--
36	C.B.Koujalagi, Tanveer Ahmed, Shripad Vishaveshwar and Sachin Nandimath.	Krishi Utpannagala Ottadatmak (Anivarya) Maratada Sandrbhagalu hagu Parihargalu	--
37	Shripad Vishaveshwar, Sachin Nandimath, Tanveer Ahmed and C.B.Koujalagi.	Bharatadalli Manyate Padede Savayav Utpannagala Parivikshane hagu Pramanikarana Samsthegalu	--
38	Sateesh Pattepur, J.Venkatesh, D.R.Patil, Kantesh Gandolkar, Anand Nanjappanavar, I.B.Biradar.	Pramukha Drakshi Taligalu	--
39	Pallavi H M, Bapuraya Gouda Patil, D.R.Patil, Sateesh Pattepur and Manjunath Tattimani	Vigyanigalu – raitara sahabagitvadalli ullagadde bijotpadane karyakrama	--
40	J.Venkatesh, D.R.Patil, I.B.Biradar, Manjunath Tattimani and Sateesh Pattepur	Bruhat Udyan Mela – 2014 kaipidi	--
41	Sateesh Pattepur, J.Venkatesh, D.R.Patil, Kantesh Gandolkar, Anand Nanjappanavar, I.B.Biradar.	Pramukha Drakshi Taligalu	--
42	Bhuvaneshwari, G, Vasant, M. Ganiger, Mamatha Dalavi and Mrunalini Naganagoudar	Value added products of tamarind	--
43	Harish. B. S., Dr. V.P Singh, Anand, G. N.	Mane Vyadya	--
44	Pallavi, H. M, Bapuraya Gouda Patil, D.R.Patil, and Manjunath Tattimani	Beeja priksa prayogalaya mathu pralukyathe	--
45	Pallavi, H.M., Anand G Nanjappanavar, D.R. Patil and B.B. Patil	Effect of season on seed quality and enhancement of seedling vigour in seed propagation of acid lime cv., Kagzi	November 6-9, 2014, Coimbatore. 6 <sup>th</sup> Indian Horticulture Congress-2014

Name/ Particulars	Member of Editorial Committee	Publishing authority	Remarks
Thotagarike belgalli sasyabiruddi-	G.S.K.Swamy, B.K.Lokesh, Suresh,G.J, S.V.Dasreddi-	Extension Unit, UAS,Dharwad-	-
Leaf let	Director of Extension	UHS, Bagalkot	Management of root grubs in vegetable crops
Leaf let	Director of Extension	UHS, Bagalkot	Chilli Murda complex disease
Leaf let	Director of Extension	UHS, Bagalkot	Management of shoot and fruit borer of brinjal
Banana diseases and their management (Kannada)	-	AICRP on Fruits, Arabhavi	Extension folder
Panama wilt and its management (Kannada)	-	AICRP on Fruits, Arabhavi	Extension folder
Banana production technology (Kannada)	-	AICRP on Fruits, Arabhavi	Extension folder
ವಿಜ್ಞಾನಿಗಳಿಗೆ ಸಾಕಾರಣಗೊಳಿಸುವ ವಿಧಾನಗಳು	Mr.J.S.Hiremath, Dr. P.M.Gangadharappa Dr. M.G.Kerutgi Mr.G.S.Muddapur	IFS Unit-II KRCCH Arabhavi	-
ಕೃಷಿ ಮತ್ತು ಮತ್ಸ್ಯ ಸಂಪನ್ಮೂಲಗಳ ಸಂರಕ್ಷಣೆ	Dr. J. S. Hiremath, Dr. P. M. Gangadharappa, Dr. M. G. Kerutgi, Mr. G. S. Muddapur	IFS Unit-II, KRCCH Arabhavi	2014
ವಿಜ್ಞಾನಿಗಳಿಗೆ ಸಾಕಾರಣಗೊಳಿಸುವ ವಿಧಾನಗಳು	Dr. J. S. Hiremath, Dr. P. M. Gangadharappa, Dr. M. G. Kerutgi, Mr. G. S. Muddapur	IFS Unit-II, KRCCH Arabhavi	
Yelekusina beldeyalle sasya samrakshane	Satyanarayana, C., Arunakumar,K.T., Md. Farooq, Shashikala & M.S. Lokesh	HEEU, Bidar	October 2014
Mavina belde yalli sasya samrakshane	Satyanarayana, C., Arunakumar,K.T., Md. Farooq, Shashikala & M.S. Lokesh	HEEU, Bidar	November 2014
Arishina beldeyalli sasya samrakshane	Satyanarayana, C., Arunakumar,K.T., Md. Farooq, Shashikala & M.S. Lokesh	HEEU, Bidar	December 2014
Menshinakai beldeyalli sasha samrakshane	Satyanarayana, C., Arunakumar,K.T., Md. Farooq, Shashikala & M.S. Lokesh	HEEU, Bidar	December 2014
Dr. Satyanarayana, C. Dr. Arunakumara K.,T. Dr. Mohammed, Farooq Smt. Shashikala ,B.A. Dr. M.S.Lokesh	December-2014	Plant Protection in Turmeric	Published from Horticulture Extension Education Unit, and College of Horticulture, Bidar
Dr. Satyanarayana ,C. Dr. Arunakumara, K.T. Dr. Mohammed, Farooq Smt. Shashikala,	December-2014	Plant Protection in Mango	Published from Horticulture Extension Education Unit, and College of Horticulture,

B.A. Dr. M.S.Lokesh			Bidar
Dr. Satyanarayana, C. Dr. Arunakumara, K.T. Dr. Mohammed, Farooq Smt. Shashikala, B.A. Dr. M.S.Lokesh	December-2014	Plant Protection in Chilli	Published from Horticulture Extension Education Unit, and College of Horticulture, Bidar
Dr. Satyanarayana, C. Dr. Arunakumara, K.T. Dr. Mohammed, Farooq Smt. Shashikala, BA. Dr. M.S.Lokesh	December-2014	Plant Protection in Cabbage	Published from Horticulture Extension Education Unit, and College of Horticulture, Bidar
Dr. Satyanarayana, C. Dr. Arunakumara, K.T. Dr. Mohammed, Farooq Smt. Shashikala, BA. Dr. M.S.Lokesh	December-2014	Plant Protection in Cabbage	Published from Horticulture Extension Education Unit, and College of Horticulture, Bidar
Mallige (in Kannada)	Dr. Mohamd Farooq, Dr. Balaji S Kulkarni Sri Kapil V Patil Dr. Arunakumara Bhavidooddi Mr. S. R. Mulla And Dr. M. S. Lokesh as Publisher	Published from Horticulture Extension Education Unit, and College of Horticulture, Bidar	May 2014
Mallige	Md. Farooq, Balaji Kulkarni, Kapil patil, S.R. Mulla & Dr. M.S. Lokesh	HEEU, Bidar	Published during May 2014
Gulabi	Md. Farooq, Balaji Kulkarni, Kapil patil, and Imamsaheb Jath	HEEU, Bidar	Published during May 2014
Mallige	Md. Farooq, Balaji Kulkarni, Kapil patil, S.R. Mulla and Dr. M.S. Lokesh	HEEU, Bidar	Published during May 2014
Sevantage	Dr. Vijaylaxmi Padaganoor, Kapil patil, Balaji Kulkarni, Praveen Naikodi, Dr. Mangesh, Md. Farooq and Dr. M.S. Lokesh	HEEU, Bidar	Published during May 2014
Spider lily besaya	Dr. Vijaylaxmi Padaganoor, Kapil patil, Balaji Kulkarni, Nagendra Kawale, Md. Farooq and Dr. M.S. Lokesh	HEEU, Bidar	Published during May 2014
Ongisida (nirjalikarisida) Puspgadu	Dr. Vijaylaxmi Padaganoor, Kapil patil, Balaji Kulkarni, Srinivas N. M., Satyanarayan C. , Md. Farooq and Dr. M.S. Lokesh	HEEU, Bidar	Published during April 2014
Bird of paradise	Dr. C. N. Hanchinmani, Kapil patil, Balaji Kulkarni, smt Shashikala Rooli, Dr. Arunakumar K. T., Md. Farooq and Dr. M.S. Lokesh	HEEU, Bidar	Published during April 2014
Improved production practices in Mango	Prakasha, DP et al	SUJALA, DOH, Koppal	Feb 2015
Improved production practices in guava	Prakasha, DP, et al	SUJALA, DOH, Koppal	Feb 2015
Technology interventions for higher yield in Mango	Prakasha, DP	Printing folder using College funds	Feb 2015
Technology interventions for higher yield in	Prakasha, DP	Printing folder using College	Feb 2015

Acid lime		funds	
Technology interventions for higher yield in Kinnow	Prakasha, DP	Printing folder using College funds	Feb 2015
Technology interventions for higher yield in Guava	Prakasha, DP	Printing folder using College funds	Feb 2015
Importance of tissue culture in Banana production	Prakasha, DP	Printing folder using College funds	Feb 2015
Dr. Janardhan, G., Prof.(Agronomy)	Vermicomposting	IFS Project, COH, Mysore	
«dATIPA <sup>a</sup> IAgA EAgAAT <sup>e</sup> YAgA JET.PE °Uq <sup>i</sup> a <sup>a</sup> AVAU Y <sup>a</sup> BAVA J.		V <sup>h</sup> EAT UAJ PA °A°A«ZAP <sup>o</sup> AIA, 2gm.	2014 « <sup>o</sup> JUA Y <sup>h</sup> MA 10
±Aap °AVAU CJ °T <sup>h</sup> EZ <sup>h</sup> e Uq <sup>i</sup> P <sup>h</sup> E <sup>h</sup> g <sup>h</sup> EAUA °AUA « <sup>a</sup> °U <sup>h</sup>	Y <sup>h</sup> BAVA J. JET.PE °Uq <sup>i</sup> a <sup>a</sup> AVAU g <sup>h</sup> VAEXI Cgi	« <sup>o</sup> JUA °Z <sup>h</sup> h°EA°AIA, V <sup>h</sup> EA.«.«. °AUP <sup>h</sup> PEAI .	r <sup>h</sup> ASgi 2014 °A <sup>h</sup> Me
C <sup>h</sup> PE V <sup>h</sup> EAT Z <sup>h</sup> P <sup>h</sup> °A°ZAAIPA «A±E V <sup>h</sup> - eA-APA-A	«dATIPA <sup>a</sup> IAgA EAgAAT <sup>e</sup> YAgA JET.PE °Uq <sup>i</sup> a <sup>a</sup> AVAU °A <sup>h</sup> EAPA <sup>a</sup> IAgI JZi.Dgi.	« <sup>o</sup> JUA °Z <sup>h</sup> h°EA°AIA, V <sup>h</sup> EA.«.«. °AUP <sup>h</sup> PEAI	EP <sup>h</sup> ASgi °A <sup>h</sup> Me 2014
Mr. Chandan, K	Use of Ethrel for safe ripening of mango fruits	Loka Dwani daily news paper	
	Howshadiya gidamulike pudi	Prajavani-Bhoomika 6 December 2014, PP:2	
Mr. Chandan, K and Dr. Basavaraja, N	Arogyakara balegagi vyjananika magisuva vidhana	Udyanaloka 4 (3), pp:19-20.	
	Baleya samskarisida moulyavardita utppannagalu	Udyanaloka 4 (3), pp:36-38.	
Chandan, K., Srinivasulu G.B. and Channabasappa Yadava	Alankarakkagi bale taligalu	Udyanaloka 4 (3), pp:39-40.	
Quick wilt of Black Pepper	Quick wilt of Black Pepper	UHS, Bagalkot	Charts prepared for Bruhath Udyan mela-2014
Kole roga of arecanut	Kole roga of arecanut	UHS, Bagalkot	Charts prepared for Bruhath Udyan mela-2014
Yellow leaf disease in arecanut	Yellow leaf disease in arecanut	UHS, Bagalkot	Charts prepared for Bruhath Udyan mela-2014
Cultivation of Nutmeg as an intercrop in arecanut gardens	Cultivation of Nutmeg as an intercrop in arecanut gardens	UHS, Bagalkot	

### Leaflets/Folders

Sl No	Title	Authors	Publishing authority
1	Saraku Aasaktha gumpugala rachane mattu adhara prayojanagalu	Swetha, B.S, Shobha, H., D.P. Prakash, Rajeshwari, N., Shivayogi R.	Published by COH Munirabad , IFS Phase I -
2	Bettadha Nellikayiya Besaya Kramagalu	Rajeshwari, N., D.P. Prakash, Shobha H., Swetha, B.S., Shivayogi, R.	„
3	Shrigandha Beleyuva Suktha Vidhangalu	D.P. Prakash, Shivayogi, R., Swetha, B.S., Shobha, H.,Gajanan Kustagi	„



4	Thengu Sudharitha Besaya Kramagalu	Rajeshwari, N., D.P. Prakash, Swetha, B.S., Shobha, H., Shivayogi, R.	..
5	Thotagarika Belegalalli Koylina Upkaranagalu	Shobha, H., Swetha, B.S., D.P. Prakash, Rajeshwari, N., Shivayogi, R.	..
6	Neralu paradhe adiyalli tharakari sasyothpadhane	D.P. Prakash, Shivayogi, R., Lingamurthy, K.R., Venkatesh Hosamani	..
7	High density planting in Fruit crops	D.P. Prakash, Shivayogi, R., Ravikumar, B. Lingamurthy, K.R.,	..
8	Hebbevu besaya kramagalu	D.P. Prakash, Shivayogi, R., Ravikumar B. Jagadish, N.	..
9	Organic farming and Biofertilizers	Jagadish H.M., D.P. Prakash, Shivayogi R., Ashok Surwenshi	..
10	Improved Cultivation practices of Tamarind	D.P. Prakash, Shivayogi R., Ravikumar B. Jagadish, N.	..
11	Improved Cultivation practises of Papaya	D.P. Prakash, Shivayogi, R., Gajanan Kustagi, Ravikumar, B. Jagadish, N.	..

## 9.5 Books/Booklets/Bulletins

Name of the Book/ Booklet/ Bulletin	Editor/ Author	Published by	Year
Gerbera- Technical book	Dr.Balaji S. Kulkarni	UHS, Bagalkot	2014
ಗ್ರೋವ್ ರೆಗುಲೇಟರ್ ಅನ್ವಯಿಕೆ ಮತ್ತು ಹೂವುಗಳ ಬೆಳೆ	G.J Suresha, S.L Jagadeesh, B.K.Lokesh, G.S.K Swamy		2014
'Growth regulator application in Horticultural crops' Chapter in book Precision farming in Horticulture: Approaches and strategies	G. Prabhuling and <b>Laxman Kukanoor</b>	Narendra publishing house, Delhi	2014
Halasu-	Dr.S.L.Jagadeesh, Dr.G.S.K.Swamy, Dr.G.J,Suresh and Dr Sunil Karikatti	Forest Dept. GOK, Karnataka	2014
TROPICAL AND SUB TROPICAL FRUIT CROPS: CROP IMPROVEMENT AND VARIETAL WEALTH	Chapter;11. Jackfruit; G.S.K.Swamy, S. Shyamamma, S. Priyanka and S.N.Ghosh	Ed. By Prof. S.N.Ghosh Published by Jaya Publishing House, Delhi	2014
TROPICAL AND SUB TROPICAL FRUIT CROPS: CROP IMPROVEMENT AND VARIETAL WEALTH	Chapter 12: D.S.Mishra, Akath Singh, Rajesh kumar, Sanjay Singh, A.K.Singh and G.S.K.Swamy	Ed. By Prof. S.N.Ghosh Published by Jaya Publishing House, Delhi	2014
TROPICAL AND SUB TROPICAL FRUIT CROPS: CROP IMPROVEMENT AND VARIETAL WEALTH	Chapter13: Karonda: Sanjay Singh, A.K.Singh, P.R.Meghwal, Akath Singh and G.S.K.Swamy	Ed. By Prof. S.N.Ghosh Published by Jaya Publishing House, Delhi	2014
Vision Horticulture	Parashuram, S. Gayakawad and <b>Shankarappa, K.S.</b>	New Vishal Publications, New Delhi 818399-090-8	2014
Recent Advances in Grapes	Sheikh, M. K., Manjula, N. and <b>Mulla, S. R.</b>	Astral Publisher New Delhi	2014
Our Environment	Praveenkumar Naikodi, Praveen Jhlogiker, Mulla, S. R., Kawale Nagendra and Ganeshagouda Patil	District Science Centre, Bidar and Karnataka State Pollution Control Board, Bidar	2014
Cocoa cultivation in areca based cropping system	Mr. Vijaykumar, B. Narayanpur Dr. N. K. Hegde and Dr. N. Basavaraja	College of Horticulture, Sirsi	2015

Innovative Breeding of Okra	Abhishek, K. Shantappa Tirakannanavar and Jagadeesha, R.C	Lap Lambert Academic Publishing, Heinrich, Bocking Str, 6-8, 66121, Saarbrücken, Germany	2014
China Aster: An commercial flower crop	Arunkumar, H.S., Shantappa, Tirakannanavar and Abhishek Katagi,	Lap Lambert Academic Publishing, Heinrich, Bocking Str, 6-8, 66121, Saarbrücken, Germany	2014
Totagarike Belegalli savavaya mulagalinda samgra posakanshagala nirvahane	S.V.Patil, Rajkumar, G.R., N.Basavaraj	Dean, College of Horticulture, Sirsi financia l assistance by NABARD, Bangalore	2014
<b>Souvenir- abstracts:</b> National Seminar on Post harvest management and processing of potato for increasing food security in India	Dr. N. Basavaraj et.al	UHS, Bagalkot	2014
D <sup>o</sup> Ag <sup>h</sup> , Ag <sup>PLUAV</sup> D <sup>o</sup> AEU <sup>h</sup> Gv <sup>AZE</sup>	K. Ramachandra Naik, Dr. N. Basavaraj, A.B. Patil, Usha Malagi, Soumya Shetty	UHS, Bagalkot	2014
Food Processing –DFS-402 Text Book for Diploma in Food Science	Dr. Vikram Appanna, Asst. Prof.(Agril. Microbiology) and Mrs. Rashmi, H.B., Asst. Prof. (PHT)	Manipal Gobal Education Services, Manipal	2014

### 9.6 Udyanaloka (University Magazine)

Sl. No.	Particulars	Month	No. of Members Subscribed
1	Vol.6 Issue (1)	Apr – Jun 2014	1401
2	Vol.6 Issue (2)	Jul - Sept 2014	1432
3	Vol.6 Issue (3)	Oct - Dec 2014	1543
4	Vol.6 Issue (4)	Jan - Mar 2015	1561

### 9.7 UHS Newsletter

Sl. No.	Particulars	Month	No. of copies
1	Vol.6 Issue (1)	Apr –May 2014	1000
2	Vol.6 Issue (2)	Jun-Jul 2014	1000
3	Vol.6 Issue (3)	Aug-Sept 2014	1000
4	Vol.6 Issue (4)	Oct-Nov 2014	1000
5	Vol.6 Issue (5)	Dec 2014-Jan 2015	1000
6	Vol.6 Issue (6)	Feb-Mar 2015	1000
TOTAL			6000

### 9.8 Package of Practices

Sl. No.	Name of the Book	No. of Copies Sold	Total Amount
1	Combined Package of Practice	6505	975750.00
2	POP-Fruit crops	301	15050.00
3	POP-Vegetables	321	19260.00
4	POP-Flower crops	190	7600.00
5	POP-Plantation and Spices	113	5650.00
6	POP-Medinal and Aromatic Crops	204	6120.00
7	POP-Post Harvest Technology	83	2490.00
8	Wealth of Medicinal Plants	146	11680.00
9	Production Practices of Potato	3	90.00
10	Okkalutana Huttuvalidaarara Company (Kannada)	74	2220.00
11	Okkalutana Huttuvalidaarara Company (English)	16	480.00
12	Vegetable Crops	6505	6300.00
13	Principles and Practices in Organic Nutrient Management	301	2750.00
14	Organic Fertilizers for Horticulture	321	3025.00
15	A boon for Health - Drumstick	190	3760.00
16	Ocean of Medicines-Aonla	126	2440.00
17	Wine by Grapes	110	1975.00
18	Integrated Horticultural Practices	121	7400.00
19	Gerbera Krishi Tantrika Kaipidi	188	2760.00
20	Mane Vidya-Aushadi Sasyagala Balakeya Margadarshi	122	17280.00
21	Organic Pest Management	79	3675.00
<b>Total</b>			<b>1097755.00</b>

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## PHOTO GALARY



4<sup>th</sup> Convocation 22.01.2015



4<sup>th</sup> Convocation Gold Medalists



Inauguration of New College Building COH, Mysuru



Dean's Committee Meeting





Runners up Championship in All India Inter Agri University Youth Festival held at NDRI, Karnal (Haryana)



Inter Collegiate Sports Meet at COH, Bengaluru



NSS Special Camp at COH, Sirsi



NSS Special Camp at Siddarudha Matha, Hubli



Inter collegiate Youth Festival at COH, Sirsi



## Varieties Developed



Coriander DCC-46





## Trainings





## Field Days





## Exhibitions





