



## Newsletter

Volume 37

No. 2

**April - June 2016** 

#### **Contents**

#### **Research Highlights**

- ★ Garden Pea Variety Identified by AICRP (Vegetable Crops)
- ★ Gerbera Lines Suitable for Polyhouse Cultivation Identified at the Institute Level
- ★ Biopesticides for Nematode Management in Tuberose
- ★ Identification of Wild Edible Mushroom
- ★ Crop Management Practices for Mango var.

  \*\*Arka Neelachal Kesri standardized\*\*

#### **News and Events**

- ★ National Conference on Fruit Breeding in Tropics and Subtropics – An Indian Perspective
- ★ Awareness Programme on "Pradhan Mantri Fasal Bima Yojana" at ICAR-KVK, Hirehalli
- ★ Visit of Hon'ble Secretary, DARE and Director General, ICAR
- ★ National Seminar on "Understanding Tephritids *in toto*: Taxonomy, Ecology, Quarantine and Management"
- ★ Awareness Programme on Nutrition Gardens under *Bhoosamruddi* scheme
- ★ World Environment Day 2016.
- ★ International Yoga Day
- Summer School on Contemporary Methods of Conservation and Management of Horticultural Genetic Resources.

Human Resources Development Transfer of Technology Distinguished Visitors Honours and Recognitions Personalia



### **IN FOCUS**

## Swachh Bharath Abhiyan at ICAR-IIHR, Bengaluru

In pursuance of the action points enumerated in OM No.11-7/2014-GAII of Ministry of Agriculture and Farmers' Welfare, Department of Agriculture,

Cooperation and Farmers Welfare, Govt. of India dated Oct 1, 2015 and duly endorsed by the Council, the institute initiated various activities from Nov, 2015 under the Swachh Bharath Abiyan (SBA), starting with the adoption of Ivarkandapura village that adjoins the institute. A cleanliness drive was initiated in the office premises/campus and the Primary Health Care Centre of Ivarakandapura village in a participatory mode. Thematic talks by experts on environment and its protection

were organized to sensitize the staff and school children. As outlined in the action plan, the institute also initiated action on creating awareness on the use of organic wastes as manure in agri-horticultural operations. Utilizing the technology of "Microbial Consortium-Decomposer", developed by the institute, an educative demonstration model for recycling of onfarm organic wastes was installed. This model was demonstrated to the elected representatives of the village panchayat and wide publicity was given in the village for replicating the same in their jurisdictional area.

With a view to creating awareness about protection of the environment, the institute undertook a massive tree /shrub planting within and outside the institute premises on May 23, 2016. Students from Jyothi Vidyalaya, Central Poultry Development

and Training Institute, Hesaraghatta and the institute staff participated in planting of about 400 environment friendly shrubs and tree species in the institute campus. With a



Environmental friendly shrub and tree planting programme at ICAR-IIHR

view to stimulate young minds and sensitize them on environmental issues, the institute organized essay writing and debate competitions for children of nearby schools, from Jun 7-14, 2016. Sri. S.R. Vishwanath, M.L.A., Yelahanka constituency distributed prizes to the winners in a function organized in the premises of Primary Health Centre, Ivarakandapura on Jun 16, 2016. This day also saw planting of trees / shrubs including two Rare and Endangered Tree (RET) species having medicinal values, Moringa concanensis nimmo (Kadu Nugge) and Oroxylum indicum, a constituent of 'Dashamularishta' ayurvedic preparation, in the premises of Primary Health Care Centre, Ivarakandapura, Hesaraghatta. It is hoped that planting of the RET saplings would create awareness among the youth about their medicinal value in promoting wellness among the community.





## Newsletter

### **Director's Desk**



ICAR-IIHR along with its regional stations and Krishi Vigyan Kendras spread across the country, is playing a pivotal role in conducting research, extension and human resource development for boosting horticultural growth in the country through technology development. The institute has so far developed several improved varieties of fruits, vegetables, ornamentals, medicinal, aromatic crops and mushrooms primarily focusing on reducing the water foot print, addressing climate change challenges and augmenting tolerance to different biotic

and abiotic stresses supported by a range of farmer-friendly technologies, for soil and plant health management, postharvest management, value addition and farm mechanization. The institute takes pride in the fact that in recent years, it has morphed into an innovative hub of technology development that has led to commercialization of a number of technologies in the area of seed and quality planting materials, disease diagnostics, biopesticides, micronutrient formulations, microbial inoculants and gender mainstreaming technologies resulting in mitigation of problems in real-time farming situations. The institute is also empowering the trainers, growers and other stakeholders through gap analysis, technology refinement and knowledge sharing mechanisms.

ICAR-IIHR has been spearheading the Swachh Bharat Mission in its neighbourhood by setting an example in organic waste recycling for use as manure in horticulture and creating awareness about the importance of a clean environment for

the well being of society through a range of educative programmes and demonstrations. This programme has also focused on tree planting within and outside the institute campus for improving environmental quality. Efforts are also underway to create awareness among the farmers of neighbouring villages about the benefits of Pradhan Mantri Fasal Bima Yojana. Proven technologies developed at the institute are being disseminated with the active involvement of 25 scientific teams under the 'Mera Gaon Mera Gaurav' programme spread over different villages in a 100 kilometre radius of the institute. This programme also envisages issue of 'Soil Health Card' and 'Plant Health Diagnostic Services Card' to the growers in the adopted villages. Through these farmer-friendly activities, the institute endears itself to promote a value change in livelihood options of growers in the long run.

> M.R. Dinesh Director

#### **Research Highlights**

#### Garden Pea Variety Identified by AICRP (Vegetable Crops)

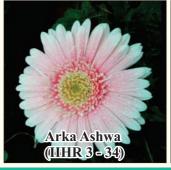
 A mid season garden pea variety 'Arka Priya' with round, medium long (8 cm) pods, round, medium bold, dark green and very sweet seeds having a yield potential of 12 t/ha in 90 days was identified for zones I, IV & VIII at XXXIV AICRP (VC) group meeting held at ICAR-IARI, New Delhi from May 10-13, 2016.



Garden pea variety, Arka Priya

### Gerbera Lines Suitable for Polyhouse Cultivation Identified at the Institute Level

Two new gerbera hybrids viz., Arka Ashwa (IIHR 3-34) and Arka Nesara (IIHR 8-45) were identified by the Varietal and Technology Identification Committee of the institute. Both hybrids have double type flowers that fall in the red purple group 68D and red group 50A respectively. They perform well in polyhouse under 50% shade net and yield on par with commercial varieties. Both varieties are suitable as cut flowers for floral arrangement.





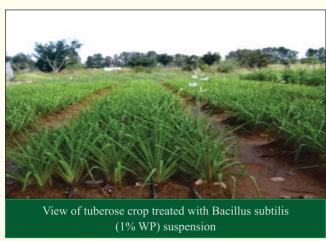




## Newsletter

#### **Biopesticides for Nematode Management in Tuberose**

Dipping of tuberose bulbs in *Bacillus subtilis* (1% WP) suspension @ 10 g/L of water followed by the soil application of 5 tons FYM enriched with 5 kg of *B. subtilis* per hectare, reduced nematode population in soil and roots and increased the flower yield by 38.3% and bulb yield by 35.5% over untreated check.



#### Identification of Wild Edible Mushroom

Among the wild edible mushrooms collected from the forests of B.R. Hills, Karnataka, *Termitomyces microcarpus* was identified for further multiplication.



#### Crop Management Practices for Mango var. Arka Neelachal Kesri Standardized

Canopy management practices for mango var. Arka Neelachal Kesri were standardized. A combination of three primary branches in different directions with two secondary branches per primary, for trees planted at 3 m  $\times$  4 m spacing and a combination of 4 primary branches in different directions with two secondary branches per primary for trees planted at 5 m  $\times$  5 m spacing, along with a trunk height of 80-90 cm, primary branch length of 40-50 cm, secondary branch length of 30-35 cm and orientation of primary branches at 45° to this horizontal axis were found to be ideal. These canopy

management practices reduced the incidence of insect pests and diseases during flowering and fruit development.

Application of Paclobutrazol @ 0.25g/m canopy spread during mid September by collar drenching enhanced the flowering intensity (82.5%) and yield (77.5%) of mango var. Arka Neelachal Kesari. Paculobutrazol residues were not detected in either the mature fruits or soil after seven months. Despite the higher cost of cultivation, the benefit-cost ratio was substantially high (>2.52) when combined with high planting density and canopy architecture management.

#### **News and Events**

## Awareness Programme on *Pradhan Mantri Fasal Bima Yojana* at ICAR-KVK, Hirehalli

Sri. Muddahanume Gowda, Hon'ble Member of Parliament, Tumakuru, inaugurated the one-day awareness programme on "*Pradhan Mantri Fasal Bima Yojana*" at KVK, Hirehalli, Tumakuru on Apr 6, 2016. In his inaugural address, Sri. Muddahanume Gowda highlighted the special features of the yojana. More than 550 farmers including 185 farm women took part in this programme. Farmer friendly literatures on PMFBY and other technological packages were distributed amongst the participating farmers.



Sri. Muddahanume Gowda, Hon'ble Member of Parliament, addressing the gathering and visiting exhibition stalls

## National Conference on Fruit Breeding in Tropics and Subtropics-An Indian Perspective

A National Conference on "Fruit Breeding in Tropics and Subtropics-an Indian perspective" was held at ICAR-IIHR from Apr 27-29, 2016. The conference was organized by the institute in collaboration with the Society for Promotion of Horticulture, NHB, NABARD, and Bioversity International. The conference was inaugurated by Dr. N.K. Krishna Kumar, DDG (HS). Dr. K.L. Chadha, Ex-DDG (HS) delivered the key note address. On this occasion, several publications on fruit crops were released. Scientific sessions on genetic resources management, conventional breeding approaches for tolerance to biotic stresses and abiotic stresses in fruit crops, tissue culture, genomics and IPR issues were held during the conference.





## Newsletter

### Visit of Hon'ble Secretary, DARE and Director General, ICAR

Dr. Trilochan Mohapatra, Hon'ble Secretary, DARE and Director General, Indian Council of Agricultural Research, visited ICAR-Indian Institute of Horticultural Research, Bengaluru on May 20, 2016. Dr. Mohapatra visited the newly constructed polyhouses, scientific water harvesting structure and vegetable breeder seed unit. An exhibition of vegetable varieties, hybrids and technologies developed by ICAR-IIHR was organized on the occasion. Dr. Mohapatra evinced keen interest in the technologies developed by ICAR-IIHR and interacted with the scientists on various facets of the technologies. He addressed the staff of the institute and exhorted them to work towards achieving excellence in horticultural research by developing cutting edge technologies and publication of papers in high impact journals.



Later, Dr. Mohapatra addressed the PG students pursuing their Ph.D in Horticulture and Post Harvest Technology (Horticulture) in the institute as an outreach program of ICAR-IARI. Dr. M. R. Dinesh, Director and Professor, outlined the facilities created at ICAR-IIHR for imparting higher education and the plan of action envisaged for the forthcoming academic session. Dr. Mohapatra appreciated the progress made by the students and emphasized on quality teaching by the staff and research of high impact by the students that are aimed at solving the problems faced by farmers.





## National Seminar on Understanding Tephritids *in toto*: Taxonomy, Ecology, Quarantine and Management

The national seminar organized by the Division of Entomology and Nematology on May 27, 2016 was inaugurated by Dr. N.K. Krishna Kumar, D.D.G. (HS), ICAR. The seminar discussed the gaps in fruit fly research and proposed future strategies to contain fruit fly expansion.





## Newsletter



#### Awareness Programme on Nutrition Gardens under Bhoosamruddhi Scheme

Under the aegis of the project funded by the State Department of Agriculture for capacity building among women members of self help groups (SHG), the first awareness cum training programme on nutrition gardens was organized on May 30, 2016 at Bellavi village, Tumakuru Dist.



Dr. Loganandhan, Programme Coordinator, ICAR-KVK, Hirehalli, addressing the gathering

#### World Environment Day 2016

To commemorate the World Environment Day, the institute undertook a tree planting programme on Jun 5, 2016. Students from nearby schools and the institute staff participated in planting of more than 400 environment-friendly shrubs and tree species in the institute campus. The institute also organized essay writing and debate competitions for children of nearby schools, on the occasion. Mr. S.R Vishwanath, Hon'ble

M.L.A, Yelhanka Constituency distributed the prizes to the winners on Jun 6,2016





Hon'ble MLA, Mr. S.R. Vishwanath distributing prizes to winners

CHES, Hirehalli and ICAR-KVK, Hirehalli jointly organized a function to commemorate the World Environment Day at ICAR-KVK, Hirehalli, Tumakuru. All the staff members of the Hirehalli Campus participated in the programme.

#### **International Yoga Day**

International Yoga Day was celebrated at ICAR-IIHR on Jun 21, 2016 with a yoga demonstration by Sri. Om Prakash, a renowned yoga exponent. The institute staff participated in large numbers and took part in performing yogasanas. ICAR-KVK and CHES, Hirehalli jointly celebrated International Yoga Day on Jun 21, 2016 at Hirehalli Campus. A yoga demonstration was performed by Mr. Shashi Kumar and Mr. Thayagarajan, HMS Institute of Technology, Tumakuru. Mr. Somashekaraiah and Mrs. Sumithra, from Tumakuru gave a lecture on meditation and its practice..





## Newsletter





International Yoga day celebrations at ICAR-IIHR

### Summer School on Contemporary Methods of Conservation and Management of Horticultural Genetic Resources organized

The Division of Plant Genetic Resources at ICAR-IIHR, Bengaluru organized an ICAR sponsored 21-day Summer School on Contemporary Methods of Conservation and Management of Horticultural Genetic Resources. The course was inaugurated on Jun 7, 2016 by Dr. V. Ramanatha Rao, Formerly Senior Scientist, Bioversity International. In his presidential address, Dr. M.R. Dinesh, Director, ICAR-IIHR highlighted the importance of in situ conservation of germplasm and narrated the success stories witnessed in India and south Asian countries. Twenty two participants from all over India belonging to ICAR/SAU's and KVKs participated in the summer school. The participants were exposed to the latest concepts and techniques in the conservation and management of horticultural genetic resources. The valedictory functions was held on Jun 27, 2016 and Dr. A. Seetharam, Former Coordinator (AICRP on Millets), was the Chief Guest.



Dr. V. Ramanatha Rao inaugurating the ICAR summer school



Participants of the summer school on conservation and management of horticultural genetic resources

## One-day Technical Workshop on Advances in Production and Post-HarvestManagement of Mango

ICAR-IIHR partnered in organizing the "One-day Technical Workshop on Advances in Production and Post-Harvest Management of Mango" at Junagadh Agricultural University, Junagadh on Jun 19, 2016. The workshop was inaugurated by Shri. Mohanbhai Kundariaji, Hon'ble Union Minister of State for Agriculture and Farmers Welfare. The event was attended by progressive farmers of Gujarat and experts from ICAR-



Sri.Mohanbhai Kundariaji, Hon'ble Union Minister of State for Agriculture and Farmers Welfare inaugurating the workshop





IIHR, Bengaluru, Paria centre of ICAR-AICRP on fruits, ICAR-CISH, Lucknow and JAU, Junagadh. A mango diversity fair was also organized during this workshop.

#### Visit of ICAR-IARI High Power Committee to review **IARI-IIHR Outreach Program**

A high power committee from ICAR-IARI, New Delhi comprising of Dr. Indra Mani Mishra, Head, Agril. Engin eering, Dr. S.K. Singh, Professor & Head, Fruits & Horticultural Technology, Dr. Man Singh, Professor, Water Science & Technology, Dr. S.K. Jha, Professor, Post-Harvest Technology and Dr. K.M. Manjaiah, Associate Dean, PG School visited ICAR-IIHR on Jun 20, 2016 and reviewed the implementation of Ph.D. (Horticulture) and Ph.D. (PHT-Horticulture) programs for the last two sessions. Satisfied with the progress, the committee suggested the introduction of Ph.D. programs in other disciplines wherein sufficient recognized faculty members are available, at ICAR-IIHR



Visit of ICAR-IARI high power committee to ICAR-IIHR

#### **Human Resource Development**

Dr. D. Kalaivanan, Scientist, Division of Soil Science and Agricultural Chemistry, was deputed for the training cum certification course on "Safety Aspects in Research Applications of Ionizing Radiation" at BARC, Mumbai from Jun 6-14, 2016. 

#### Transfer of Technology

To minimize damage of mango fruits by fruit fly and anthacnose, an automatic hot water treatment unit which was fabricated at ICAR-IIHR, Bengaluru, with a capacity to handle 500 q of fruits/hr, was commissioned at the Tribal Sub Plan (TSP) site benefiting around 450 farm families of Kashipur, Rayagada, Odisha on Jun 8, 2016



Commissioning of mango hot water treatment plant at Kashipur, Rayagada, Odisha.

- Okra GMS line-4 was licensed on a non-exclusive basis through ITMU to M/s. Dinkar Seeds PVT Ltd., # 34, Shrikrishna Complex, Opposite Civil Hospital, Himmanthnagar-383001 on May 20, 2016.
- Parents of triple disease resistant tomato F1 hybrid Arka Rakshak were licensed to Nuziveedu Seeds Ltd., on nonexclusive basis through ITMU on Apr 22, 2016.

### **Training Programmes On Campus Trainings**

Title	Dates	No. of Participants
At ICAR-IIHR, Bengaluru		
Protected cultivation of high value vegetable and ornamental crops	May 23-28, 2016	22
Improved horticultural technologies for watershed farmers of Karnataka	May 31 to Jun 3, 2016	24
Entrepreneurship development through mushroom spawn production and mushroom cultivation	Jun 2-10, 2016	34





### **Off Campus Trainings /Demonstrations**

Title	Dates	No of Participants
ICAR-IIHR, Bengaluru		
Biopesticides for nematode management at Beediganahalli, Bengaluru Rural Dist.	Jun 13, 2016	15
Nematode management under protected cultivation using biopesticides at Gauribidanur, Karnataka	Jun 29, 2016	54
Mushroom production technology at Biocenter, Department of Horticulture, Govt. of Karnataka, Hullimavu, Bengaluru	Jun 30, 2016.	15
ICAR-KVK, Hirehalli		
Training on nutritional gardening at Madhugiri, Tumakuru Dist. in collaboration with Women and Child Welfare Dept. GoK	Jun 16, 2016	134
Soil testing and its importance at Pavagada, Tumakuru Dist. in collaboration with DHAN Foundation	Jun 17, 2016	40
IPM in Redgram. at Pavagada, Tumakuru Dist. in collaboration with DHAN Foundation	Jun 17, 2016	40
Nutritional garden at Pavagada, Tumakuru Dist. in collaboration with DHAN Foundation	Jun 23, 2106	250
Pest and diseases and their control measures. at Kariyammana Koppalu, Pavagada, Tumakuru Dist.	Jun 28, 2016	16
Improved method of composting at Kariyammana Koppalu, Pavagada, Tumakuru Dist.	Jun 28, 2016	16
Management of wild boar practices in farmers field at Kothagudda, Pavagada Taluk, Tumakuru Dist.	Jun 28, 2016	7







#### **Participation in Exhibitions ICAR-IIHR**

❖ Pillikula Vasanthotsava at Pilikula Nisargadhama, Mangaluru from May 21-22, 2016

#### CHES, Bhubaneswar

- ❖ State Level Farmers' Fair at ICAR-NRRI, Cuttack on Apr 23, 2016
- ❖ State Level Farmers' Fair at ICAR-NRRI, Cuttack on May 12, 2016
- ❖ 7<sup>th</sup> Krishi Fair 2016 at Puri, Odisha from Jun 4-8, 2016

#### Sale of ICAR-IIHR products through Agricultural **Technology Information Centre (ATIC)**

The ATIC realized a revenue of Rs. 5, 99,508/- through the sale of various technological products.

#### **Honours and Recognitions**

Dr. P.C. Tripathi was nominated as a Member, Editorial Board of "Progressive Horticulture", HETC, Chaubatia, Uttarakhand.

Drs. M A Suryanarayana, K. Hima Bindu and T. Vasantha Kumar received a Certificate of Appreciation for poster presentation in the "National Conference on Fruit Breeding in Tropics and Sub-tropics - An Indian Perspective" held at ICAR-IIHR, Bengaluru from Apr 27-29, 2016.

Dr.Sudha Mysore was invited as a lead speaker on horticultural crop technology management and commercialisation, during the workshop on tuber crop technology transfer and commercialisation, organised by ICAR-CTCRI, Thiruvananthapuram on Jun 25, 2016

Dr. Sudha Mysore was invited a panellist in the discussion on 'India's Start-up Ecosystem for Agrisector' during the training programme on intellectual property and technology management for researchers held at ICAR-NAARM, Hyderabad from May 13-18, 2016 

#### **Distinguished Visitors**

#### ICAR-IIHR, Hesaraghatta, Bengaluru

Dr. R. R. Hanchinal, Chairperson, PPV& FRA, New Delhi, Dr. Udo Von Krocher, President, BSA - Federal Plant Variety Office Bundessortenamt, German, Dr. Hermann Freudenstein, Head, Plant Introduction Section and Mr. Ekkehard Schroeder, Project Coordinator, German-Indian Seed Project, Germany on May 27, 2016



- ❖ Mr. Abhilash Gohre, progressive farmer, Nasik on Jun 1, 2016
- ❖ Dr. C.P.A. Iyer, Former Director, ICAR-CISH, Lucknow on Jun 17, 2016

#### CHES, Bhubaneswar

- ❖ Mr. P K. Singh, Hon'ble Member of Parliament, Bargarh, Odisha on Apr 2, 2016
- ❖ Dr. T. Mohapatra, Secretary DARE and DG, ICAR, New Delhi on Apr 24, 2016
- \* Dr. N K. Tyagi, Ex-Member, ASRB, New Delhi on May 12,2016
- \* Dr. P S. Pandey, ADG (Education), ICAR, New Delhi on May 13, 2016
- ❖ Dr. H P. Singh, Ex-DDG (HS.), ICAR, New Delhi on Jun 21,2016

#### ICAR-KVK, Hirehalli

A delegation from Bhutan along with Ms. P.V.L. Bharathi, Training Co-ordinator, World Vegetable Centre, South Asia ICRISAT Campus, Patancheru, Hyderabad, Telangana on Jun 25, 2016



Dr. Sarvajna B. Salimath, Sr. Scientist & Head, KVK, Babbur Farm, Hiriyur on Jun 27, 2016





#### Personalia

Name and designation	Place	Effective from
Dr. Smaranika Mishra, Scientist (Veg. Science)	ICAR-IIHR, Bengaluru	Apr 7, 2016
Mrs. K.C. Vaisakhi, Scientist (Soil Science)	CHES, Chettalli	Apr 11, 2016
Dr. B. Mahendran, Scientist (Entomology)	CHES, Chettalli	Apr 11, 2016

#### **Promotions Technical Staff**

Name and designation	Promoted To	Effective from
ICAR-IIHR, Bengaluru		
Mr. R. Nazeer Khan, Senior Technician	Technical Assistant	Sept 28, 2014
Mr. Y. Rajanna, Senior Technician	Technical Assistant	Jan 20, 2015
Mr. Hemanth Kumar, Technician	Senior Technician	Jan 4, 2015
Mr. S. Krishnananda, Senior Technical Assistant	Technical Officer	Jan 1, 2015
Mr. Mazhar Jamil, Senior Technical Officer	Assistant Chief Technical Officer	Jan 1, 2015
CHES, Chettalli		
Mr. K.K. Vishwambara, Technician	Senior Technician	Mar 25, 2014
ICAR-KVK, Hirehalli		
Ms. Jyothi Appu Naik, Senior Technical Assistant	Technical Officer	Sep 30, 2014
Mr. P.R. Ramesh, Senior Technical Officer	Assistant Chief Technical Officer	Nov 17, 2014
Mr. K.N. Jagadish, Senior Technical Officer	Assistant Chief Technical Officer	Nov 17, 2014
Mr. J.M. Prashant, Senior Technical Officer	Assistant Chief Technical Officer	Nov 24, 2014
Mr. B. Hanumathe Gowda, Senior Technical Officer	Assistant Chief Technical Officer	Dec 2, 2014





Mr. K.V. Veerandra Kumar, Senior Technical Officer	Assistant Chief Technical Officer	Dec 2, 2014
Dr. Somashekar, Senior Technical Officer	Assistant Chief Technical Officer	Dec 7, 2014
Mr. M.H. Ningappa, Technician	Senior Technician	Dec 30, 2014

#### CHES, Bhubaneswar

Mr. K. Gouri Sankara Rao, Senior Technical Assistant

Technical Officer

Jun 22, 2014

#### **Administrative Staff**

Name and designation	Promoted To	Effective from
ICAR-IIHR, Bengaluru		
Mrs. K.C. Lakshmidevi, LDC	Upper Division Clerk	Jun 8, 2016.
Mr. R. Hema Prabhu, Assistant	Assistant Administrative Officer	Jun 9, 2016
Mrs. R. Shilpa, LDC	Upper Division Clerk	Jun 9, 2016
Mr. K.M. Vijaya Kumar, UDC	Assistant	Jun 13, 2016

### **Transfers**

Name and designation	From	То	Effective from
Mr. Hemanth Kumar, Senior Technician	ICAR-KVK, Hirehalli	ICAR-ATARI, Bengaluru	Apr 7, 2016
Mr. M.N. Prasad, Technical Assistant	ICAR-ATARI, Bengaluru	ICAR-KVK, Gonikoppal	Apr 11, 2016
Mrs. M.R. Rohini, Scientist	ICAR-DMAPR, Anand	ICAR-IIHR, Bengaluru	Apr 15, 2016
Mr. D. Krishnappa, Assistant	ICAR-IIHR, Bengaluru	ICAR-KVK, Hirehalli	May 2, 2016
Mr. C. Anjanappa, SSS	ICAR-NBAIR, Bengaluru	ICAR-IIHR, Bengaluru	May 2, 2016
Mrs. Mubeen Taj, Stenographer, Grade-III	ICAR-KVK, Gonikoppal	ICAR-IIHR, Bengaluru	Jun 1, 2016
Dr. G.R. Smitha, Scientist	ICAR-DMAPR, Anand	ICAR-IIHR, Bengaluru	Jun 30, 2016





## Newsletter

### **Superannuation**

Name and Designation	Effective from
ICAR-IIHR, Bengaluru	
Dr. T. Vasantha Kumar, Principal Scientist	Apr 30, 2016
Mr. H.S. Venkatesh, Skilled Support Staff	Apr 30, 2016
Mr. L. Siddalingaiah, Private Secretary	May 31, 2016
Mr. M. Venkataswamy, Skilled Support Staff	May 31, 2016
Mr. Bylanjanappa, Skilled Support Staff	May 31, 2016
Mr. H. Nanjappa, Skilled Support Staff	May 31, 2016
Mr. Y. Venkataramanappa, Skilled Support Staff	May 31, 2016
Mr. H.L. Jayaram, Chief Technical Officer (Lab.)	May 31, 2016
Mr. M. Rangaiah, Technical Officer (Field)	May 31, 2016
Mr. D. Gopala, Technical Officer (Field)	Jun 30, 2016
Mr. V. Selvaraj, Skilled Support Staff	Jun 30, 2016
ICAR-KVK, Gonikoppal	
Mrs. V. Saroja, Skilled Support Staff	Apr 30, 2016
CHES, Hirehalli	
Mrs. P. Lakshmamma, Skilled Support Staff	Apr 30, 2016

#### Demise

Mr. Shivakumar, Skilled Support Staff, ICAR-IIHR, Bengaluru expired on Jun 24, 2016

Published by : Director, ICAR-IIHR,

Hesaraghatta Lake Post,

Bengaluru - 560089

Editors : Dr. S. Shivashankar

Dr. G. Selvakumar

Dr. Reju M. Kurian

Mrs. P.L. Anushma

Member Secretary : Mr. A.N. Lokesha Editorial Assistance : Mrs. Bhagabati Rout

Salvakumar Phone

+91-80-28446140-43, Fax: +91-80-28466291

ICAR- Indian Institute of Horticultural Research

Hesaraghatta Lake Post, Bengaluru - 560089

: +91-80-28466420-23,

Email : director@iihr.res.in Website : http://www.iihr.res.in

For further details contact:

ISO 9001:2008 Certified



Printed @: Shreya Printers and Publishers, Bangalore -86, E-mail: shreyaprint.bangalore@gmail.com

Director