



CHF Newsletter

April-June, 2015

Volume 1, Issue 2

Hon'ble Vice-Chancellor's address during National Horti. Expo cum Workshop at Imphal

Prof. M. Premjit Singh, Hon'ble Vice-chancellor, CAU emphasized the need for strengthening the horticulture sector for ensuring nutritional security and economic prosperity in the region during inaugural session of the workshop. He also stated that horticulture is one of the most potential sectors for sustaining the livelihood of rural people. However, the technologies developed by the research institutes are yet to reach every nook and



Inaugural ceremony of National Horti. Expo cum Workshop at Imphal, Manipur

corner of the region. While concluding the address Hon'ble Vice-chancellor stressed the need upon adoption of improved varieties and conservation of rain water for desirable growth of horticulture sector in the region.

In National Horti. Expo cum Workshop a large number of organizations/agencies/ NGOs participated and displayed their exhibits. College of Horticulture and Forestry and Department of Horticulture, CAU took lead in demonstrating their technologies. Stall was placed by CHF and Dept. of

Horticulture was thronged by numerous peoples and everybody appreciated a lot. Judging committee constituted also rated it 1st and finally CAU bagged 1st prize in competition of stalls. Hon'ble Vice-chancellor and other dignitaries appreciated the effort made by CHF and Dept. of Horticulture, CAU.

Kishan Ghosti

A district level pre-kharif farmers-scientist interaction programme was organized by KVK, East Siang on "Integrated Farming Approach" on 30th June, 2015. While inaugurating the programme, Mr. Ninong Ering Hon'ble Member of Parliament emphasised on the use of improved variety as well as quality seeds and planting materials to enhance production of crops in the district.

He also advised the faculties of the College of Horticulture & Forestry and KVK, Pasighat to develop organic based farmer friendly technologies to boost the organic production in the state. While welcoming the participant Dean, College of Horticulture & Forestry, Dr. A.K. Pandey informed about the various extension activities performed by the KVK and College of Horticulture and Forestry



for benefit of farming community of the district. On this occasion Dr. Pandey briefed about the importance of vegetable farming and its role in providing job opportunities to the rural youth and women. The progressive farmers also interacted with the scientists of KVK and faculties of the college during the programme. An exhibition stall was also displayed showcasing various technologies which can be adopted by the farmers of the district. Altogether 103 progressive farmers from Ruksin, Pasighat and Mebo blocks attended the programme.

4th Meeting of Board of Studies

The 4th meeting of Board of Studies was held on April 7, 2015 at the College of Horticulture & Forestry, Pasighat under the chairmanship of the Dean, CHF, CAU. It was attended by the various BOS members including Prof. A. N. Maurya, Ex Director, Banaras Hindu University, Varanasi; Dr. K.K. Jindal, Ex Director of Research, CAU & UHF, Dr. S.S. Nagra, Director of Instructions, CAU, Imphal, Dr. K. Sheela, Dean, CoHSc, CAU, Tura, Meghalaya and all the HoDs of different department of CHF and SWO, Academic in-charge and



Dignitaries and Participants of Board of Studies

student's representative. In the meeting the senior members recommended and raised the various issues for strengthening of academic programmes of

the college. The esteemed members also recommended various new activities and measures to be taken up by the college for the different courses offered in the Institute.

Participation in Regional Committee Meeting

ICAR Regional committee meeting was organized on 18th to 20th May, 2015 at Agartala, Tripura. Dr. A.K. Pandey, Dean, CHF, CAU participated in the said meeting. During the discussion in the house, Dr Pandey briefed about the progress made in the horticulture and related disciplines at the college. He also raised the issue of citrus decline in the region and also explained about the quality transplanting material production programme going at the college using disease free planting material and utilizing Rangpur Lime as rootstock.

Student's performance at ICAR JRF Exams

Horticulture discipline

Sl. No.	Name	All India Rank	UPS Category	ST Category
1.	Mr Kaushik Saha	4 th	1 st	-
2.	Ms.ShrijinaPradhan	29 th	-	-
3.	Mr.Bhalang Diengngan	40 th		ST -1 st

Forestry discipline

Sl. No.	Name	All India Rank	UPS Category	ST Category
1.	Ms.AlenBulo	-	-	ST-1 st

Plant Biotechnology discipline



Sl. No.	Name	All India rank	UPS Category	ST Category
1.	Ms.Sapna Kiolu Mara	-	-	ST-3 rd

Admission in National Institute of Agricultural Marketing

Mr. Anmol Adarsh a B.Sc. student of Horticulture qualified CAT (Common Admission Test) Exam and got admission in National Institute of Agricultural Marketing, Jaipur, Rajasthan a premier institute of agriculture marketing in the country.

Farewell Function of Final Year Students

A grandeur function was organized on 1st May, 2015



A scene of farewell function

to bid a farewell to the final year UG and PG students. Outgoing students expressed their experiences and showed their satisfaction for being CHFians. Dean & faculty members also wished them for their future endeavour.

Blood Donation Camp organized

The National Service Scheme (NSS) unit of the college conducted a voluntary blood donation camp in collaboration with the General Hospital, Pasighat on 18th April, 2015 at the College campus. A total of

57 units of blood were collected from the NSS volunteers, faculty & staff members and family members. Inaugurating the camp, Dr. A. K. Pandey, Dean said that this camp provides the opportunity for the students to learn about the importance of blood donation. Dr. (Mrs.) Y. R. Darang, Medical Superintendent, General Hospital also attended the camp and she emphasized the importance of blood donation in context to country's need of blood to avoid any unforeseen circumstances in future. Dr. Jongkey, Blood Bank Officer elaborated on the importance of blood donation in detail. Social activist Aini Taloh also attended the camp and motivated the young students by donating blood.



A student donating blood

Earlier, Krishna S Tomar, Camp Coordinator and NSS programme officer, CHF, highlighted the importance of blood donation camp and motivated the students for donating blood as there is no substitute of human blood. He informed that the NSS unit of this college always associates with various social issues and participates actively to contribute for the nation building. He informed that last year NSS unit conducted blood donation camp and 48 units blood were collected.

World Environment Day celebrated

The National Service Scheme (NSS) unit of College



of Horticulture and Forestry (CHF), Pasighat celebrated World Environment Day on 5th June, 2015 with the theme “Seven billion dreams, one



Dignitaries and NSS volunteers on the occasion of World Environment Day

planet, consume with care”. On this occasion Dr. A.K. Pandey, Dean stressed need upon the active role of various organizations including NSS to create public awareness on environmental issues and problems. Dr. A.R. Singh, Ex- Professor, C.S. Azad University of Agriculture and Technology, Kanpur emphasised on judicious use of natural resources to meet the future requirements of global population. Guest of honour on the occasion Dr. N.C.Pandey, Ex- Professor, C.S. Azad University of Agriculture and Technology, Kanpur appreciated the efforts made by NSS unit for sensitising young generation about environment related issues by celebrating the day. On this occasion, NSS Programme Officer Krishna Singh Tomar highlighted the Day’s theme and encouraged the NSS volunteers to plant at least one sapling and ensure its growth. Earlier in the morning, the NSS volunteers, faculty and staff members of the college planted saplings in the college campus.

Special NSS Camp organized at Takilalung, East Siang Dist.

A seven-day special NSS camp was inaugurated by Dr. A. K. Pandey, Dean, CHF, CAU, Pasighat at Takilalung village, East Siang district on June 7th June, 2015. The Takilalung village was adopted under Adarsh Sansad Gram Yojna. Around sixty five NSS volunteers participated in the camp organised by the National Service Scheme (NSS) Unit of College of Horticulture and Forestry with



Dr. A. K. Pandey, Dean and other dignitaries at Special NSS Camp organized at Takilalung

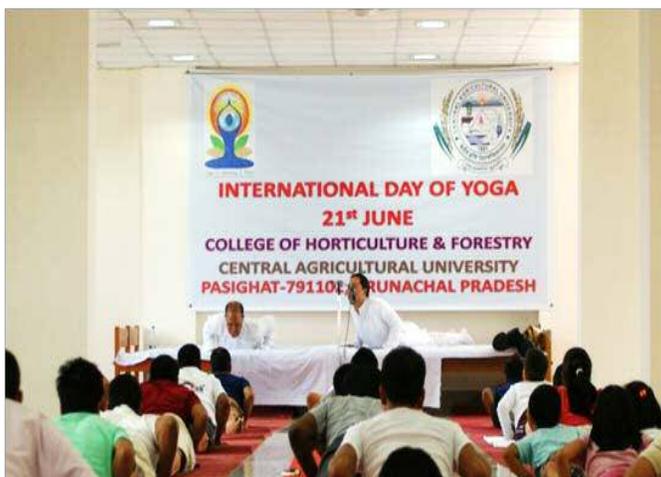
the theme “Swachha Bharat and Swastha Bharat”. In his inaugural speech, Dr A. K. Pandey asked the NSS volunteers to work with sincerity and take up the burning issues along with villagers. Shri Krishna S. Tomar, NSS Programme Officer, highlighted the activities of seven days which include plantation, cleaning of drains and streets of village, mushroom cultivation, soil testing, vermi-composting and rain water harvesting. While visiting the camp on the second day, Hon’ ble Lok Sabha MP, Shri Ninong Ering appreciated the volunteers for their active participation . He asked the youth to mingle with other fellow students of the state to learn their culture, food habit and social



issues. He hoped that the camp will bring new sense of responsibility among the youth.

College celebrated International Day of Yoga

Observing International Day of Yoga on 21st June, 2015 hundreds of teaching and not teaching staff along with their family members practiced yoga in the hall of ATIC building. The local Yoga instructor



CHF family celebrating International Day of Yoga

Mr. Rohit Bori demonstrated the *asanas* and *mudras* to the participants. Earlier, Dr. Pandey in his address mentioned about the importance and benefits of the Yoga in daily life by citing the example of a ploughman, who walks about 10 to 15 km daily at the time of ploughing and consequently remains fit. He also mentioned that the facilities and resources generated by man for his comfort have become the cause of his flabbiness.

Vocational Training on Landscape Gardening

A three-month long vocational training on Landscape Gardening for school drop outs was organised by the department of Floriculture, College of Horticulture and Forestry, Central Agricultural

University. Altogether 10 youths from different parts of the state took part in the training programme. The main objective of training was to provide knowledge regarding the practical aspects of ornamental gardening and landscaping. Addressing during the valedictory function, Dr A.N. Maurya, Ex-Director,



Dignitaries and participants during valedictory function of Vocational Training on Landscape Gardening

Institute of Agricultural Sciences, BHU, Varanasi, highlighted the importance and demand of skilled gardeners in public and private establishments. He also distributed the certificates and gardening kit to trainees. Speaking on the occasion, Dr. A. K. Pandey, Dean, CHF, Pasighat while appreciating the efforts initiated by the Department of Floriculture to train the young youth and women and hoped that the trainees after gaining the knowledge on landscape gardening will encourage the aesthetic sense in the society.

RESEARCH

Grafting in Brinjal

A study was carried out to study the influence of grafting in brinjal. The grafted plants were recorded for various parameters like number of leaves, plant height, number of roots, root length, fresh weight



and dry weight of roots, attributes of fruits and various biochemical parameters. It was found out that the grafted plants of brinjal exhibited significant differences for all characters. Plants grafted onto *S. torvum* showed promising characters in different parameters as compared to those grafted on other



rootstocks. Plants grafted onto *S. torvum* expressed more vigorous growth and significantly greater number fruits and yield than other rootstocks, whereas higher bioactive content (solasodine) was found in those plants grafted on *S. xanthocarpum*. Based on the present experimental results, plants grafted on *S. torvum* and *S. xanthocarpum* were found to be superior for most of the parameters and were superior in yield components suggesting that they can be used for resistance against soil borne pathogens. As whole NEH region is facing problem of wilt disease, this technique will prove boon.

Harvesting early monsoon crop of onion in Arunachal Pradesh

The NE region of India has diversified soil and agro-climatic condition which offer a vast scope of cultivation of varied kind of vegetables. Among all the vegetables, onion occupies very important place in the region. However, a continuous rain during May- Sept, the region faces adverse conditions and further poor communication results in extreme hike

of prices of onion in the local market. However, no areas have been explored under cultivation of pre-*kharif* onion in the region. The College of Horticulture & Forestry, Central Agricultural University have explored the possibility of cultivation of *Kharif* onion. Success was achieved by early planting and harnessing the good weather conditions of very early monsoon period of the region. The proposed technology of pre-*kharif* onion production will prove boon for the region.

pre-*kharif* chilli production in Arunachal Pradesh

The Department of Vegetable science, have explored the possibility of cultivation of pre-*Kharif* chillias a substitute crop for replacement of paddy, since the farmers of the region follow the rainfed cultivation during *Kharif* season and other low value crops. The findings of the experiments showed that if the transplanting of chilli is done during March- April , in that case it is possible to harvest green chilli from mid of July to September. The yield of pre-*Kharif* chilli may go up to 150-200 q/ha with the production



Crop of chilli

cost of ₹ 1, 10, 000/ha. The growers may get net Pre *kharif* crop of chill in field return of about ₹3,



20,000/ha by selling the green chilli fruit @ ₹40- 50 per kg with cost benefit ratio of 3:4. Thus, it indicates that there is a good prospect of cultivation of pre-kharif chilli in Arunachal Pradesh.

Participation in Seminars /Workshops/ symposium/ conferences

1. Dr. A.K. Pandey, Dean, CHF, Pasighat participated in the National Horti. Expo cum workshop on 'Strengthening horticultural development for enhancing productivity, quality, and sustainable livelihood' held during 11-13th June, 2015, Imphal, Manipur. He presented a lead paper on 'Vegetable farming in NE region: Prospects, Constraints and Strategies' during the workshop.
2. Dr. B.N. Hazarika, Professor, Dept. of Fruit Science attended the 3rd International symposium on ' Minor Fruits, Medicinal & Aromatic Plants' at Bangladesh Agricultural University, Mymensingh, Bangladesh during 20-21st May, 2015 and presented an oral presentation in the topic 'Genetic diversity of horticultural crops in Arunachal Pradesh'.

Distinguished Visitors

Sl.No.	Name	Date of visit
1.	Mr. Gautam Mukhopadhaya, Ambassador of India to Myanmar.	17 th April, 2015
2.	Mr. Omak Apang, Managing Director, Siang Tea & Industries Pvt. Ltd.	1 st May, 2015
3.	Dr. Anupam Barik, Additional Commissioner(Oilseeds), DAC, Ministry of Agriculture	13 th May, 2015
4.	Mr. Ninong Ering, Hon'ble Member of Parliament(LS),	30 th June, 2015
5.	Prof. A. N. Maurya, Former Director, IAS, BHU, Varanasi	7 th April, 2015
6.	Dr. K. K. Jindal, Former Director of Research (CAU & UHF).	7 th April, 2015
7.	Dr. S.S. Nagra, DI, CAU, Imphal, Manipur	7 th April, 2015
8.	Dr. K. Sheela, Dean, College of Home Science, CAU, Tura, Meghalaya	7 th April, 2015



Obituary

Dr. Suresh Tiwari was born on 10th July 1974 at Matera Village, Faizabad District, Uttar Pradesh. He completed his B. Sc. Agriculture and M.Sc. Horticulture from NDUAT, Kumarganj, Faizabad, Uttar Pradesh in the year 1997 and 2000 respectively and doctorate degree from University of



Dr. Suresh Tiwari

the Philippine, Los Baños in Horticulture in the year 2005. He joined College of Horticultural and Forestry, Central Agricultural University, Pasighat on 21st September 2006 as Assistant Professor in the Department of Post-Harvest Management and served the college till his untimely demise on 11th June, 2015. He served the institute with full of dedication and devotion. Dr. Tiwari was a man of strong will and he established a very good lab of Post-Harvest Management at the College. He was very perfect teacher as well as very adept researcher.

His sudden demise came as a great shock and loss to the institute. The fraternity of College of

Horticultural and Forestry, Central Agricultural University, Pasighat deeply mourns his sudden and untimely demise. He will remain alive in our memories and admiration. May almighty bestow peace and tranquility to the departed soul and give strength to the bereaved family to bear the loss.



Editor:

Dr. A. K. Pandey, Dean, CHF, Pasighat

Executive Editors:

Ms. Eloni Vida

Dr. Arunkumar Phurailatpam

Designing and Type setting:

Mr. Ripon Dam

Mr. Jayanta Kakoty



Auditorium, CHF, CAU, Pasighat

