

ADVANCED TRAINING ON RECENT TRENDS IN AGRICULTURAL SCIENCE

19 April to 02 May, 2017



Organized by
Hi-Tech Horticultural Society,
Meerut-250001 (U.P.), INDIA

&

Department of Horticulture,
Sardar Vallabhbhai Patel University of
Agriculture & Technology,
Meerut-250110 (U.P.), INDIA



RECENT TRENDS IN AGRICULTURAL SCIENCE

India is primarily an agriculture-based country. It is the only means of living for almost two-thirds of the employed class in India and provides approximately 52 percent of the total number of jobs available in India. The agriculture sector contributes around 14 percent to the GDP and 18% of total exports of the nation. Agriculture continues to play a dominant part in the overall economic scenario of India. Over 60% of India's land area is arable making it the second largest country in terms of total arable land in the world and it ranks second in terms of farm output globally. While, non-farm activities are becoming increasingly important, there is still a core truth in the words of Mahatma Gandhi that 'India lives in villages and agriculture is the soul of Indian economy.'

Presently, India is the 2nd largest producer of fruits & vegetables in the world. It has played an important role in ensuring nutritional security, employment generation, socio-economic upliftment of farmers and earning much needed foreign exchange for the country. There is a need to restructure and reform the agriculture and attract the rural youth to agriculture and allied sectors. Agriculture in India at present, is in a phase of major transformation. Farmers are opening up to modern techniques of farming like drip irrigation systems and micro-irrigation IPM etc. These innovative farming techniques and crop diversity, are boosting productivity, encouraging new entrepreneurship and can make a huge much needed social impact in years to come.

As a result of globalization of trade and liberalization of Indian economy, there is an immense scope for exporting high value agriculture produce from India. The need of the consumers is to increase the productivity and quality of our produce to meet the demand of quality conscious consumers. A breakthrough in production technology, that integrated market driven quality parameters with the production system. Besides, ensuring a vertical growth in productivity is required. Looking to the population explosion,

declining land and water coupled with climate change have created much greater concern to feed the increasing population. The challenges will become much greater than before and have to be addressed utilizing innovations in science and technology. In this context, it would be a call towards modernization and commercialization of agriculture. Hi-Tech Propagation, Protected Cultivation, Hybrid Seed Production, High Density Planting, Micro Irrigation, Fertigation, Organic Farming, Mechanization and Processing are some technologies, which can bring a quantum jump in agriculture productivity.

In India, Uttar Pradesh is rightfully regarded as the potential growth of Indian agriculture wherein farmers and industrialists are prospering side by side. The varied agro-climatic conditions prevailing in Uttar Pradesh offer an excellent opportunity for the development of agriculture. Government of Uttar Pradesh/ Government of India will help to the farmers by various introductory schemes in Uttar Pradesh. Farmer friendly policies by the state government and remarkable infrastructure development have led to technology emergence as advanced agriculture specially Western Uttar Pradesh.

This training course will equip scientists from the different parts of the country with the latest in cutting edge technologies, so that commercialization of agriculture can gain pace, which would ultimately boost agricultural growth in the country.

The proposed training course has been organized to deal with the following aspects:

- International trends and economic policies in agriculture.
- Hitech horticulture
- Biotechnological interventions in agriculture.
- Advances in pest and disease management in agriculture.
- Quality production of livestock and its

management practices.

- Advances in post harvest handling and value additions.
- Impact of Micronutrients in nutritional food security.
- Role of information technology in Agriculture development.

Venue

The advanced training will be held at Department of Horticulture, Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110 (U.P.), INDIA. Meerut is well connected from all major cities like [Delhi](#), [Noida](#), [Faridabad](#), [Ghaziabad](#), [Haridwar](#), etc. A large number of people commute to Delhi, Noida, Greater Noida, Ghaziabad and Gurgaon every day for work. Three national highways ([NH-58](#), [NH-119](#) & [NH-235](#)) pass through Meerut. [Upper Ganga Canal Expressway](#) which passes through outskirts of the city is under development, by rail and road while Indira Gandhi International Airport is the nearest airport at New Delhi, which is about 100 km away.

Meerut is one of the most important town in the Northern part of India. The town, situated in Western Uttar Pradesh has got a long history behind it. The city was the part of Hastinapur Empire of Kaurvas that ruled the Vedic India and was the protagonists of Hindu Epic of Mahabharata. Meerut is the fastest developing city of Uttar Pradesh after Noida and Ghaziabad. Meerut ranks 4th in terms of population in Uttar Pradesh. It is an ancient city located 56 km North-East of New Delhi. Meerut also has one of the biggest army garrisons / cantonments in this part of the country. It is famous for its scissors, sports goods and Gazak. Meerut is also the sports capital of India and proximity of Delhi, it is developing as the industrial hub.

Popular Destinations in Meerut - Meerut, with its imminent history and luxuriant picturesque backdrop has a well-developed tourism sector. The notable tourist destinations include: Jain temples of Hastinapur; Gandhi Bagh(Company Garden); Suraj Kund; Chandi Devi Temple; Mansa Devi Temple;

Bale Miyan ki Darghah; Jama Masjid; Shaheed Smarak; Augharhnath Mandir; Sardhana Church; Dogra temple; Kali Mata Temple; Bhole Ki Jhaal; Pura Mahadev Temple; Vidura Ka Tila; Draupadi Ki Rasoiu; Shahpir Mausoleum; St. John's Church; Shahi - Eid Gaah etc. The University campus is about 15 km from City railway station meerut to road roorkee. The weather during January & February will be pleasant with a maximum temperature of 20- 30°C and a minimum of 10-15 C. The participating participants are advised to bring warm cloths.

Eligibility

The advanced training programme is open for Scientific Staff, Technical Staff, Research Co-workers, Research Fellows and students from Indian Universities, ICAR Institution, CSIR, DRDO, DBT, and DST affiliated institutions. Some progressive farmers from western UP will be given priority.

Travel and Accommodation- No TA/DA will be paid by organizers, accommodation will be arranged on payment basis, on request.

Registration

The application should be accompanied with a registration fee of Rs.5000/- for student, Rs.7000/- for faculty in favour of Hi Tech Horticultural Society, Meerut in the form of Bank Draft of any nationalised Bank payable at SBI, SVPUA&T, Modipuram, Meerut (branch code-10653) or by Western Union Money Transfer / For Online Transfer Amount A/C No. = 33901961944, IFSC Code = SBIN0010653, Branch Code = 10653. The applications on prescribed performa should be sent through their respective controlling officers of University/ Institute, To the Director, Advanced Training Course, Dr. Bijendra Singh, Prof. & Head, Department of Horticulture, Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110 (U.P.)

Email: drbijendrasingh66@gmail.com latest by 15.03.2017 (Advance copy by E-mail). The selected candidates will be informed by 20.03.2017 and they should confirm their participation on or before 25.03.2017 through e-mail/fax.

Patron

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Vice Chancellor, SVPUAT, Meerut

Course Advisor

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Director Research, SVPUAT, Meerut

Prof. Samsher

Dean Agriculture, SVPUAT, Meerut

Course Director

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APPLICATION FORM

1. Full Name (in block letters) :-----
2. Occupation:-----
3. Designation :-----
4. Present employer and address :-----
5. Correspondence Address (in block letters): -----
(Give fax e-mail, Mobile no.) :-----
6. Permanent address :-----
7. Date of birth :-----
8. Sex : -----
9. Marital status : -----
10. Educational qualification: -----
11. Working experience: -----
 - a) Field Experience with Specialization -----
 - b) Research Experience with Specialization -----
 - c) Teaching Experience -----
12. Fee details NEFT/D.D. No.datedRs.....
(Registration fee is not refundable in any case).

Date :

Place :

Signature of the applicant

Recommendations of Forwarding Authority

Signature -----

Designation -----

Date :

Address -----