PROFORMA FOR APPLICATION

1. Full name (in block letters):
2. Designation :
3. Present employer and address:
4. Address to which reply should be sent (in block letters) (Give fax, e-mail, cell no.) :
5. Permanent address:
6. Date of birth:
7. Sex: Male/Female
8. Teaching/research/professional experience (mention post held during last 5 years and number of publication):
9. Marital status: Married/Unmarried:
10. Mention if you have participated in any Research Seminar/Summer/Winter School/Short Course, etc. during the previous years under I.C.A.R./Other organizations:
11. IPO/D.D. No.___, dated of Rs. 50=00 (Not Refundable) as registration fee.
12. Academic qualifications with details of degrees, year of passing, class/ ranks and institute including passing

Date :

Place: Signature of the applicant

13. Recommendations of Forwarding Institute

Signature _____

Designation _____

Date:

Address _____

_____

CERTIFICATE

It is certified that the information furnished is verified with the office records and found correct.

Signature and Designation of the Sponsoring Authority

ADDRESS FOR CORRESPONDENCE

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Winter School *on*

Current Trends in Commercial Horticulture

December 1-21, 2013

Course Director
Dr. N L Patel
Dean
ASPEE College of Horticulture and Forestry
Navsari Agricultural University, Navsari
(Gujarat)-396450

Sponsored by
Indian Council of Agricultural Research
New Delhi - 110 012

CURRENT TRENDS IN COMMERCIAL HORTICULTURE

India is bestowed with diverse agroclimatic conditions enabling the successful production of a variety of horticultural crops round the year. India is the second largest producer of fruits and vegetables in the world, next only to China. Nationally, the horticulture sector contributes about 29% of the GDP and 37% of the export of the agricultural commodities from about 13.08% of the total area. 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.

As a result of globalization of trade and liberalization of Indian economy, there is an immense scope for exporting high value horticultural produce from India. The need of the hour is to increase the productivity and quality of our produce to meet the demand of quality conscious consumers. A breakthrough in production technology that integrates 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 growing population. With the present level of population, the annual requirement of horticultural produce will be 360 million tonnes by 2020-21. 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 horticulture through use of new technologies instead of traditional horticulture. 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 horticultural productivity.

Gujarat is rightfully regarded as the growth engine of Indian agriculture wherein farmers and industrialists are prospering side by side. The varied agroclimatic conditions prevailing in Gujarat offer an excellent opportunity for the development of horticulture. Farmer friendly policies by the state government and remarkable infrastructure development have led to the emergence of Gujarat as the horticulture bowl. It has registered the highest agricultural growth in real terms during the past decade leaving other states far behind. The growth rate of Gujarat is about four times higher than the national average, which is around 3 per cent.

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

The proposed winter school has been organized to deal with the following aspects

- Advances in crop improvement
- Biotechnological interventions in horticultural crops
- Hi-Tech Propagation of horticultural crops
- New trends in horticulture based cropping systems
- Protected cultivation and organic farming
- Urban and periurban Horticulture
- Advances in pest and disease management
- Advances in post-harvest handling, marketing and value addition

Faculty

In addition to the faculty of Navsari Agricultural University, special lectures of eminent scientists from ICAR/SAUs including private organizations will be arranged.

Venue

The winter school will be held at ASPEE College of Horticulture and Forestry, Navsari Agricultural University, Navsari, which is situated in the southern part of Gujarat state on the bank of river Purna. Navsari is only 40 km south of Surat and lies on the Mumbai-Delhi railway link. Surat is famous for its diamond industry and also regarded as the textile hub of India. Navsari is the birth place of Dadabhai Navroji and Jamshedji Tata. Dandi historic place, famous for Gandhiji's 'Salt Satyagrah', is situated 13 km away from NAU headquarter. The University campus is 3 km from Navsari railway station. The weather during December will be pleasant with a maximum temperature of 25^0• 28^0C and a minimum of 10^0-15^0 C. The participants are advised to bring warm cloths.

Eligibility

The winter school is open for Teachers/ Researchers/ Extension workers of the SAU's and ICAR institutes in the rank of Assistant Professor and above with specialization in Horticulture/Agriculture and other allied fields.

The intending applicants may submit their nomination through proper channel so as to reach the **Course Director** on or before **15th October, 2013** for consideration. Application sent directly by the applicant will not be entertained.

Travel and Accommodation

The participants will be provided to and fro train fare limited to third tier AC class by shortest route on the production of original receipt / ticket. Free lodging and boarding will be provided for 25 participants in the University guest house. The participants should abide by the rules and regulations of the guest house.

Registration

The application should be accompanied with a fee of Rs.50=00 (Rupees Fifty only) in the form of Indian Postal Order or Demand Draft drawn in favour of **The Comptroller, Navsari Agricultural University, Navsari** payable at **State Bank of India, NAU branch, Navsari.** The applications should be sent through their respective controlling officers of University/Institute to the Director, Winter School by 15-10-2013 (Advance copy by E-mail).

The selected candidates will be informed by 25-10-2013 and they should confirm their participation on or before 5-11-2013 through e-mail/fax.