



Faculty Development training On



“Hands on training on basic biotechnological tools and techniques”

(29th April - 13th May, 2019)

Organized by

**Department of Plant Molecular Biology and Biotechnology
ASPEE College of Horticulture and Forestry
Navsari Agricultural University, Navsari- 396 450**

Objectives of the Training

The training is aimed to provide hands on practical experiences of molecular tools required for research as well as UG/PG teaching especially in various branches of Agriculture/Horticulture. It is exclusively for the NAU employees.

Venue

The venue of the training is Department of Plant Molecular Biology and Biotechnology, ASPEE College of Horticulture & Forestry, NAU, Navsari-396450.

Duration of the Training

The training has been planned for 15 days from 29th April to 13th May, 2019. The training will comprise of lecture and practical sessions. The last date of application will be 25th April 2019.

Participant's Eligibility

Young active researchers/teachers above the rank of Assistant Professor or equivalent from NAU in the disciplines of Horticulture/Agriculture and allied Sciences are eligible to apply. Total of 20 candidates will be selected for this training. The selection of the candidates will be made by the screening committee.

Mode of Application

Teachers/Researchers interested to join the training should apply through proper channel in the given Proforma.

Accommodation & Travel

No TA or DA shall be given to any selected participants. The certificates will be given to the candidates after successful completion the training period. Boarding and lodging facilities will not be provided to any of the participants.

APPLICATION FORM FOR PARTICIPATION IN
“Hands on training on basic biotechnological tools and techniques”
(29th April to 13th May, 2019)

1. Full name (in block letters)
2. Designation
3. Present employer & address
4. Address for communication
Mo. No.
E-mail
5. Permanent address
6. Date of Birth
7. Gender : Male/Female
8. Academic record (From
graduation)
9. Experience and field

Signature

CERTIFICATE

It is certified that information furnished has been verified and found correct.

Recommendation of the forwarding Authority/Institution

Signature of the competent authority

Chairman: - Dr. B. N. Patel, Principal & Dean, ACHF, NAU, Navsari

Course Director:- Dr. N. B. Patel, HOD, PMBB, ACHF, NAU, Navsari

Organizing secretary: - Dr. C.V. Kapadia, Assistant Professor, ACHF, NAU,
Navsari (9725018789)

***Kindly send duly filled and approved application form to the Principal & Dean,
ASPEE College of Horticulture & Forestry, NAU, Navsari- 396450.***

Tentative programme of Training

Day	Schedule of Practicals
1	To understand basic concept of cell, nucleic acids
2	Understanding concepts and Preparation of various chemicals.
3	DNA isolation from various plants
4	Quantification and purity analysis using Agarose electrophoresis and PAGE
5	PCR
6	RAPD/ISSR/SSR analysis
7	Holiday Sunday
8	Bacterial DNA isolation
9	Fungal DNA isolation
10	Phylogenetic analysis using 16S/18S or other markers
11	Plasmid isolation
12	Cloning and transformation of desired fragments.
13	Gene expression analysis.
14	Holiday Sunday
15	Certificate distribution.

Morning Session: - 8:30 am -12:00pm

Afternoon Session: - 1:30pm - 4.30pm