

PLANT TISSUE CULTURE TRAINING CAMP 2014

Opportunity

For Higher Secondary School
Science Teachers



Resolving Double Helix For Life



MALIBA RESEARCH CENTRE FOR EXCELLENCE IN TISSUE CULTURE

C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli is going to conduct **Plant Tissue Culture Training Camp 2014** for higher secondary school science teachers from 12th - 14th May, 2014. This camp will cover practical demonstration, relevant lectures and “Hands on” training to the participants.

Why Plant Tissue Culture?

Plant tissue culture is a technique employed to propagate large number of plants under laboratory conditions using some part of the desired plant.

Advantages of Tissue Culture:

- Produced from high yielding, superior quality, disease free mother stock
- Uniformity in growth, maturity, early & synchronous flowering, fruiting & harvesting
- Large number of plants produced in a short-span of exotic, endangered or elite mother stock plants

Importance of Tissue Culture Plants:

- Flexibility in accordance with the planting season and market demands
- Superior quality produce for better marketability
- Quality plants command premium price in the market
- True to type (identical to parent plant)
- Bulk production in short time under controlled condition



Biotechnology



UKA TARSADIA
university

Imparting Knowledge, Awakening Wisdom, Transforming Lives.

Objectives of Training Camp 2014:

- 1) To explore career opportunities in Plant Biotechnology
- 2) To provide practical hands-on experience
- 3) To upgrade teachers' understanding about plant tissue culture technology that can be passed on to students

Theme of the training camp:

- Learning sterilization procedure and understanding sterile laboratory condition
- Basic techniques of Plant tissue culture
- Preparation of suitable laboratory nutrient media for culturing cells/tissues
- Laboratory growing techniques of cells/tissues
- Tissue culture production of commercially important agricultural/Horticultural crops for domestic & export market
- Hardening of tissue cultured plantlets in the green house

Eligibility: Higher Secondary School Science Teachers

Dates: 12th to 14th May, 2014

Time: 10:00 am - 4:30 pm

Fees: The purpose of this training camp is to Transfer Technology to the students through teachers. Hence, charges for participation, course material and lunch are waived. However, accommodation at nominal cost will be provided within campus upon prior request.

Registration: Forms are available at <http://utu.ac.in>. Duly filled forms may be sent through E-mail or post on or before 30th April, 2014

Certificates: Issued at the end of training camp

Camp Co-ordinator: Prof. Rajashekhar Ingalhalli
Contact: 09448371037
Email: rajashekhar@utu.ac.in

Director: Prof. Dr. R Krishnamurthy
Contact: 09825349279



**C G Bhakta Institute of Biotechnology
Uka Tarsadia University
Maliba Campus, Gopal Vidyanagar
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Website: <http://utu.ac.in>





C. G. BHAKTA INSTITUTE OF BIOTECHNOLOGY
UKA TARSADIA UNIVERSITY
Gopal Vidyanagar, Bardoli, Gujarat



PLANT TISSUE CULTURE TRAINING CAMP 2014

REGISTRATION FORM

Name of the participant

Name & Address of Organization

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.....

Phone number

E-mail

AFFIX
PASSPORT
SIZED
PHOTO

Date.....

Participant's Signature.....

Place.....

Note: Kindly send the duly filled application form to rajashekhar@utu.ac.in or post the hardcopy to The Director, C.G.Bhakta Institute of Biotechnology, Gopal Vidyanagar, Bardoli Mahuva Road, Tarsadi – 394350