

**TWO-DAY WORKSHOP
ON
APPLICATION OF TISSUE CULTURE
TECHNIQUES IN CROP IMPROVEMENT**

May 09-10, 2012

Pre-Registration Form



Name _____

CNIC

Academic Qualification _____

Official position _____

Organization _____

Tel. Off. _____

Cell _____

E-mail _____

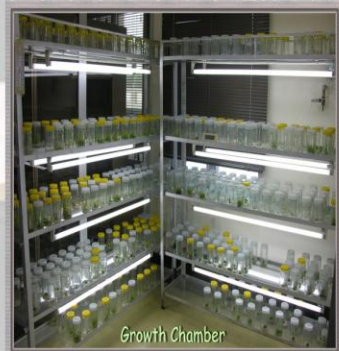
Address _____

Recommendation of Head of Establishment

Please return the filled-in form up to 25th April 2012

Organizing Committee

Mr. Tila Muhammad, CS/Director NIFA
Mr. S. Anwar Shah, DCS/Head PB&GD
Mr. Roshan Zamir, PS (Scientific Secretary)
Mr. Shahid Akbar Khalil, SS



Growth Chamber

CONTACT

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Scientific Secretary of workshop
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Nuclear Institute for Food & Agriculture (NIFA)
P.O. Box 446, Tarnab, Peshawar
Phone: 091-2964060-62
Fax: 091-2964059



**TWO-DAY WORKSHOP
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Organized by

**Plant Breeding & Genetics Division
Nuclear Institute for Food & Agriculture (NIFA)**

Under the auspices of the
Pakistan Atomic Energy Commission

Background

Plant tissue culture referred to growing of plant cells or organs isolated from the mother plant on artificial media aseptically. Plant tissue culture techniques have become extremely important as they supplement the work in the area like biotechnology, genetic engineering and production of pathogen free plants. Tissue culture techniques have been adopted for consistent commercial production of economically important plants. The possible method to protect the endangered plant species is to multiply and conserve the plants by in vitro cultures. Micropropagation, an efficient tool for propagating disease-free, genetically uniform plants in massive amounts in vitro is favored over propagation by conventional means such as cuttings and seeds because it offers various advantages.



About the Workshop

The main objective of the workshop is to train graduate students, researchers and faculty members of the universities and research organizations in the field of plant tissue culture. A wide range of topics relating to plant tissue culture will be covered. The workshop will comprise of technical lectures, practical/demonstrations and group discussions covering various aspects of plant tissue culture as given below:

- General Laboratory Techniques
- Media Formulations
- Demonstrations of tissue culture techniques
- Acclimatization



Registration Fee

The registration fee is Rs. 2000/- for researcher/faculty member and Rs. 1000/- for students (in the form of Pay order/demand Draft or cash at the time of registration) will be charged. Complete Registration form should reach the institute by April 25th 2012.

Award of certificates

A certificate of participation will be awarded upon completion of the workshop.

Host Organization

The Nuclear Institute for Food and Agriculture (NIFA), an establishment of Pakistan Atomic Energy Commission (PAEC), is situated on GT Road Tarnab near Taru Jaba, some 15 km east of Peshawar city. NIFA scientists are actively involved in basic and applied research in selected areas of food and agriculture. NIFA is the only institute in Pakistan working on food irradiation and the only ISO-9001-2008 certified Agriculture R&D Institute in Kyber Pakhtunkhwa.

About the host city

Peshawar is one of the mega historical cities of Pakistan. It is the ancient city & capital of the Khyber Pakhtunkhwa and situated at the eastern end of the Khyber Pass. A rich blend of cultures & civilizations can be seen over here. Peshawar is the trade & craftsmanship center of different extra-ordinary handicrafts. The scenic valleys of Swat, Abbotabad, Kaghan and Galliat can be visited conveniently from Peshawar.

Accommodation/Travel

Accommodation shall be arranged at cost for delegates wishing to stay overnight. Free of cost pick and drop facility will be provided on all main roads of Peshawar to the participants.