

NOTICE



CERTIFICATE COURSE ON TECHNIQUES IN MOLECULAR BIOLOGY

13th – 17th May 2013 (30 hours)

Applications are called for the above Certificate Course organized by the Agricultural Biotechnology Centre, Faculty of Agriculture, University of Peradeniya.

This course is designed for the individuals having an interest to learn most commonly used techniques in Molecular Biology / Biotechnology with emphasis on hands-on experience.

Course content:

Theory (6 hrs)

- Introduction to molecular biology and recombinant DNA techniques
- DNA Extraction and Quantification
- PCR and its application in DNA Fingerprinting

Laboratory Practicals (24hrs)

- DNA Extraction and Quantification (Plant, Bacteria, Blood)
- Bacterial Transformation and Screening
- Polymerase Chain Reaction (PCR)
- Agarose Gel Electrophoresis and Data Analysis
- Demonstration on Southern Hybridization, Gene Gun and Bioreactor

• **Venue** : Agricultural Biotechnology Centre, University of Peradeniya

• **Time** : *Four days* starting from **13th May 2013**

**We may also have the weekend option depending on the demand*

• **Course Fee** : **Rs. 15,000.00** + Registration Fees (**Rs. 1000.00**)

• **Coordinator** : Dr. Pradeepa C.G. Bandaranayake

• **Application procedure** :

Please complete the attached application form and submit on or before 30th April 2013 with the full payment to:

Director,
Agricultural Biotechnology Centre (AgBC),
Faculty of Agriculture, University of Peradeniya,
Peradeniya. (Tel / Fax: 081-2387180)
e-mail: agbc@pdn.ac.lk

Application form can also be downloaded from the university web site.
(http://www.pdn.ac.lk/uop/main/downloads_students.html)