Application Procedure:

Application forms can be obtained from the PGIA office or downloaded from the PGIA website (www.pgia.ac.lk) or the University of Peradeniya website(www.pdn.ac.lk)

The course fee can be paid:

1. by a cheque (To: Director, PGIA) or
2. at any branch of the Peoples Bank (Current Account No: 057-1-001-3-1338027) or
3. in person at the Shroff Counter, PGIA

The completed application forms along with the cheque/ copy of the payment of full course fee should be sent by 27th July 2016 to :

Assistant Registrar,
PGIA, P.O.Box 55,
Old Galaha Road,
University of Peradeniya,
Peradeniya

For further details please contact:
Prof. Ariya Sumanasinghe,
Coordinator,
Board of Study of Agricultural Biology,
PGIA,
Peradeniya

Tel: 081-2395222;071-4460926
E-mail: sajanas@pdn.ac.lk

Prof. S. Samita
Director,
Post Graduate Institute of Agriculture,
University of Peradeniya

Certificate Course on Plant Breeding Techniques for the Improvement of Annual Food & Floricultural Crops

2-5 August, 2016

Offered by the Board of Study of
Agricultural Biology
Post Graduate Institute of Agriculture (PGIA)
University of Peradeniya
In collaboration with
The Department of Agriculture

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Rationale

Plant breeding is an endless challenge to improve crop plants and to develop a new variety, breeders have to improve an already existing trait, or incorporate an entirely new trait. Typically these traits include achieving high yield, resistance to certain biotic and abiotic stresses or specific quality characters

The plant breeding sector is facing the challenge to secure sufficient supply of academically trained plant breeders for the coming decades in view of the decreased recruitment in the recent past and **not having formal periodic training opportunities to update and gain advanced knowledge in plant breeding and other related disciplines.**

This short course is designed to expand resource base further and share knowledge and provide short-term training to personnel in the public and private sector on a continuing basis.

COURSE OBJECTIVES

To impart knowledge on the principles and procedures of plant breeding in self and cross pollinated crops to develop the high yielding varieties / hybrids and to enhance the knowledge, skills and attitude of the participants on application of plant breeding techniques.

Course Content

Genetics and Plant breeding,
Floral Biology and applications,
Varietal development techniques and maintaining genetic purity,
Principles of Nucleus/Breeder seed production/Inbred line maintenance,
Molecular applications in Breeding,
Genetic Designs and data handling,
Hands on experience/applications,
Field Visits to Breeding Stations

Eligibility

Applicants should possess a Bachelor's degree in Agricultural, Science / Natural sciences or Diploma in Agriculture
With 3 years of field experience

Target Group

The course is aimed at new recruits and mid-career professionals of state, private sectors, NGO's and research institutes

Course fee

Rs. 20,000
Refreshments, meals, transport and accommodation will be provided.

Enrollment is limited to 30 participants on a first- come, first -served basis.