



SHORT COURSE ON SAMPLING TECHNIQUES, SURVEY DESIGN AND ANALYSIS 21 – 23 September 2015

**Board of Study in Biostatistics
Postgraduate Institute of Agriculture (PGIA)
University of Peradeniya**

INTRODUCTION

Quality research always demands thoughtfully framed sampling and data collection techniques. For results to be reliable and valid, the sampling techniques, data collection and analysis should be based on correct statistical principles.

Due to widespread use and increasing importance of survey design and sampling, it is essential that researchers and users obtain a firm understanding of the philosophical basis and the principles of survey sampling as well as a broad knowledge of available survey designs together with their construction, applicability and analysis.

COURSE OBJECTIVE

The short course offered by the Board of Study in Biostatistics, Postgraduate Institute of Agriculture (PGIA) will provide a broad knowledge and skills of the design, conduct and analysis of survey sampling for a wide variety of academic disciplines including medicine, engineering, veterinary, agriculture, food science, economics, social sciences, natural and physical sciences.

The course comprises of lectures followed by practicals where participants will get hands-on experience in analyzing a wide variety of survey sampling data using statistical software SAS®.

TARGET GROUP

The short course is aimed at mid career professionals in universities, research institutes, government and nongovernment organizations and industry. Participants should preferably have knowledge of basic statistics.

COURSE CONTENTS

Introduction to Sampling Techniques, Survey Design and Analysis; Questionnaire Construction and Nationwide Surveys; Simple Random Sampling; Systematic Sampling; Stratified Random Sampling; Sample Size Determination; Equal, Proportional and Neyman Allocations; Cluster Sampling; Multistage Sampling; Sampling Techniques for Specialized Areas; Analysis of Survey Data.

COURSE DURATION AND VENUE

Three days (21 - 23 September 2015) from 8.30 AM to 4.30 PM. **Venue: Postgraduate Institute of Agriculture (PGIA), Old Galaha Road, University of Peradeniya, Peradeniya.**

COURSE FEE

Rs. 10,000 per participant (includes tea, lunch and course material). **Accommodation will not be provided.**

RESOURCE PERSONS

The following members of the Board of Study in Biostatistics will serve as resource persons for the short course.

Prof. R. O. Thattil (B.Sc., M.Sc., Ph.D)
Prof C. Sivayoganadan (B.Sc., M.Sc., Ph.D)
Prof. S. Samita (B.Sc., M.Phil, Ph.D)
Dr. B. L. Peiris (B.Sc., M.Sc., Ph.D)
Dr. R. Abeynayake (B.Sc., M.Sc., Ph.D)
Dr. T. Sivananthawerl (B.Sc., M.Sc., Ph.D)
Dr. L. D. B. Suriyagoda (B.Sc., M.Sc., Ph.D)

APPLICATION FORMS

Application forms can also 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, Postgraduate Institute of Agriculture) or
- 2). at any branch of the Peoples Bank (To: Current Account No: 057-1-001-3-1338027, Peradeniya Branch) or
- 3). in person at the Shroff Counter at the PGIA.

The completed application forms along with a cheque / copy of the payment of full course fee should be sent by **17th September 2015** to:

Assistant Registrar, Postgraduate Institute of Agriculture (PGIA), P. O. BOX 55, Old Galaha Road, University of Peradeniya, Peradeniya.
Tel: 081-2385517 Fax: 081-2388318

Enrolment is limited to 50 participants on a first-come, first-serve basis.

For Further Details Contact

Dr. B. L. Peiris, Course Coordinator and Chairman,
Board Study in Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya.
Tel: 081-2395123 ; 0712313311 Fax : 081-2395111
E-mail: laknathp@pdn.ac.lk

Prof. S. Samita

Director, Postgraduate Institute of Agriculture (PGIA), University of Peradeniya.

APPLICATION FORM

Short Course on Sampling Techniques, Survey Design and Analysis

21 – 23 September 2015

**Board of Study in Biostatistics
Postgraduate Institute of Agriculture (PGIA)
University of Peradeniya**

1). Name (Prof/Dr/Mr/Ms) :.....

2). Position and Institute :.....

3). Mailing Address :.....

.....

.....

4). Email :.....

(Please write legibly as your confirmation will be sent to your email address.)

5). Telephone Numbers

Mobile :.....

Office :.....

Home :.....

6). Lunch Preference (please circle one): **Vegetarian** **Egg** **Fish** **Chicken**

The course fee (Rs. 10,000/=) can be paid 1). by a cheque (To: Director, Postgraduate Institute of Agriculture) or 2). at any branch of the Peoples Bank (To: Current Account No: 057-1-001-3-1338027, Peradeniya Branch) or 3). in person at the Shroff Counter at the PGIA. The course fee will include lunch, tea and course material. The participants are expected to make their own arrangements for breakfast, dinner and accommodation.

The completed application forms along with a cheque / copy of the payment of full course fee should be sent by 17th September 2015 to:

Assistant Registrar, Postgraduate Institute of Agriculture (PGIA), P. O. BOX 55, Old Galaha Road, University of Peradeniya, Peradeniya. Tel. 081-2385517 Fax: 081-2388318

Signature of the applicant:..... **Date:**.....