



SHORT COURSE ON DATA ANALYSIS USING

11 – 13 November 2015

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

INTRODUCTION

R is an open source (free) user friendly software for statistical data analysis and graphics, and also an object oriented programming language for statistical computing. R provides a wide variety of statistical techniques, including analysis of data from designed experiments and surveys, nonparametric statistics, categorical data analysis, multivariate methods, time series analysis and many others. The software also allows users to define their own functions.

R is supported by a strong user community throughout the world and modern statistical techniques are readily available as R packages. Today, R is very popular among researchers, statisticians, data analysts, decision makers and many others. The demand for R is growing rapidly.

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 analyzing data using R software applicable to universities, government and nongovernment organizations, industries and a wide variety of academic disciplines including medicine, veterinary, engineering, agriculture, statistics, computer science, economics, natural sciences and social sciences.

The course comprises of lectures followed by practicals where participants will get hands-on experience in analyzing a wide variety of real life data with R software.

TARGET GROUP

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

COURSE CONTENTS

Introduction to R and RStudio, Data Management, Operators and Functions, R Graphics, Programming and Data Analysis.

COURSE DURATION AND VENUE

Three days (11 - 13 November 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. S. Samita (B.Sc., M.Phil., Ph.D.)

Dr. B. L. Peiris (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 **7th November 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 30 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 DATA ANALYSIS USING



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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 :.....

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.....
.....

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 7th November 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:.....