

Institute of Mathematics and Management

Sri Lanka & Australia

Short Course in Applied Statistics

&

Research Methods

Intake - X

Course Commences: 18th June 2023

Introduction

Researchers and research students across the world face difficulties in conducting research due to lack of knowledge in Statistics and Data Analysis. It is a hindrance for generalizing research outcomes and high quality publications. This course is designed to develop necessary skills in Quantitative Data Analysis using software SPSS & Minitab, Interpretation of outputs and report writing.

Who would benefit: Academicians, Researchers and Undergraduate/ Postgraduate students in any field of study

Medium of Instructions: English

Course Duration: 05 weeks (30 hours) Theory and Practical

Course Fee: Domestic Students LKR 30,000 , International Students USD 200


Course Commences: 18 June 2023 (Sunday)

Time: 09:00-16:00 Indian Standard Time (IST)


Mode of Conduct: Online (Zoom)

Resource Persons:

Dr. (Mrs.) W. G. Samanthi Konarasinghe (*PhD, MSc, MBA, PG Dip, BSc, MASA, MSSA, MIASSL, MNSF*)

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Major (Retired) K.M. Udaya Banda Konarasinghe WWV, RSP (*MBA, MSSF-NASTEC, MNSF*)

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Course Outline

Descriptive Statistics

Mathematical Methods for Statistics

Correlation Analysis

Sampling Techniques

Introduction to Probability & Distributions

Sample Size Determination

Types of Research & Approaches

Questionnaire Designing

Data Analysis by Minitab & SPSS

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