



**Institute of Mathematics and Management**

**Sri Lanka & Australia**

**Short Course in Applied Statistics**

**&**

**Research Methods**

**Intake - X**

**Course Commences: 18<sup>th</sup> 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:**

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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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