

**Institute of Mathematics and Management**

**Sri Lanka & Australia**

**Short Course in Applied Statistics**

**&**

**Research Methods**

**Intake - X**

**Course Commences: 15<sup>th</sup> September 2024**

## Introduction

This course is designed to develop research skills related to the fields of; Biological Science, Physical Science, Engineering, Medicine & Healthcare, Management, Economics, Social Sciences and more

**Who would benefit:** Academics, Researchers, Undergraduate/ Postgraduate students, Medical Practitioners, Managers .....

**Medium of Instructions:** English

**Course Duration:** 08 days (45 hours)

**Course Fee:** Domestic Students LKR 40,000 , International Students USD 250

**Course Commences:** 15 September 2024 (Sunday)

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


**Session 1:** 09:00 - 12:00 Indian Standard Time (IST)

**Session 2:** 13:00 -16:00 IST

**Mode of Conduct:** Online (Zoom)

## Resource Persons:

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

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Major (Retired) K.M. Udaya Banda Konarasinghe WWV, RSP (*MBA, MSSA*)

 [orcid.org/0000-0002-1810-8621](https://orcid.org/0000-0002-1810-8621)  Web of Science Researcher ID: ABQ-3165-2022

 [lens.org/lens/profile/428076718/scholar](https://lens.org/lens/profile/428076718/scholar)

## Course Outline

Descriptive Statistics

Mathematical Methods for Statistics

Correlation Analysis

Sampling Techniques

Sample Size Determination

Types of Research & Approaches

Questionnaire Designing

Introduction to Regression Analysis

Data Analysis by Minitab & SPSS

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