



**Institute of Mathematics and Management**

**Sri Lanka & Australia**

**One Day Workshop on Infectious Disease Modelling**

**Day : 05 November 2022 (Saturday)**

**(11:30-18:30 AEDT/06:00-13:00 IST)**

## **Introduction**

Disease modelling is an important activity to save the human lives from epidemics and pandemics. It helps for; strategy development to control the outbreak, anticipate the requirement of healthcare resources and minimize the negative consequences of the outbreaks. It also helps to maintain the economic and social stability. This workshop gives an insight in disease modelling and provides you the essential skills in Mathematical/ Statistical modelling and statistical software handling in forecasting.

**To whom ? Academicians, Researchers, Medical & Healthcare Practitioners...**

**Medium of Instructions: English**

**Course Fee: AUD 100 (50% discount for low/middle income countries)**

**LKR 7000 (Sri Lankan Participants)**

**Day: 05 November (Saturday) 2022**

**Time: 11:30-18:30 Australian Eastern Daylight Time(AEDT): UTC + 11 hrs**

**06:00-13:00 Indian Standard Time (IST)**

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

• **Content :**

- Introduction to Disease Modelling
- Forecasting Principles
- Univariate techniques for disease modelling
- Introduction to MINITAB software
- Modelling Covid-19 data with MINITAB

**Resource Persons:**

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

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

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