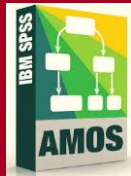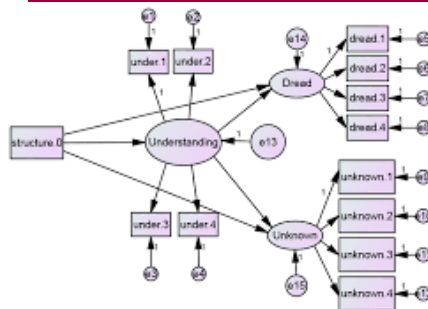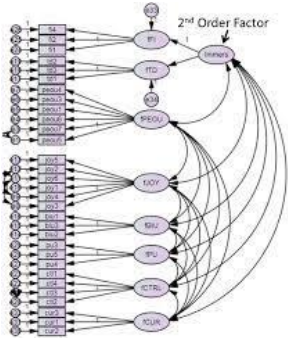# Institute of Applied Statistics Sri Lanka (IASSL)
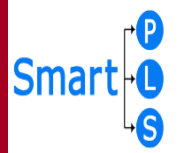## (Incorporated by Parliament Act No. 38 of 2011)

The Professional Center (OPA)
275/75, Prof. Stanley Wijesundara Mawatha, Colombo 07

Four-day Online Workshop on Structural Equation Modelling [SEM] with AMOS and SmartPLS

SEM Workshop # 05   02, 03, 09, & 10, July 2022

This course will provide skills to use AMOS and SmartPLS software for covariance-based and Partial Least Squares (PLS) structural equation modeling (SEM) applications in research. Essential knowledge regarding the selection of correct SEM application (AMOS/ SmartPLS) and principles of hypothesis testing, regression modeling, and factor analysis using SPSS software will be given at the beginning of the workshop. All the sessions will be conducted via Zoom.

Who should attend?
➢ Researchers who want to apply path analysis and confirmatory factor analysis in their research projects

When:
➢ 02, 03, 09, & 10 July 2022
(8.30 am – 1.30 pm)

Course Fee:
➢ Rs. 15000

Resource Persons:
➢ Sampath Fernando (PhD)
➢ Chathurani Silva (PhD)

Course Content:
✓ Organizing, cleaning and assessment of data
✓ Introduction to hypothesis testing and regression analysis
✓ Exploratory factor analysis (EFA) with SPSS
✓ Confirmatory factor analysis (CFA) with AMOS
✓ Testing validity and reliability of models
✓ Path analysis (SEM) with AMOS and SmartPLS
✓ Mediator and moderator analysis
✓ Sample size calculation for SEM-based research
✓ Checking model assumptions
✓ Selection of correct SEM application (AMOS/ SmartPLS)

Note: The first 15 participants registered will be enrolled for the course.
A certificate will be awarded by the IASSL upon the completion of the course.

Payment mode:
Payments should be credited to IASSL **People's Bank** Account No. **086100130008638** at the **Thimbirigasyaya Branch,** and a scanned copy of the deposit slip and duly filled application form should be emailed to the IASSL through appstatsl@gmail.com.

Dr. Sampath Fernando (Vice-President – IASSL)	Ms. Nishani (Administrative Officer – IASSL)
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E-mail: sampathf73@gmail.com	*E-mail*: appstatsl@gmail.com