



Training Course on:

INPUT-OUTPUT ANALYSIS

4-5 October 2017

MIER Seminar Room

Jalan Bukit Petaling

HRDF CLAIMABLE

Course Description

Input-output analysis is the key tool in economic modeling and forecasting. I-O tables illustrate the relationship between producers and consumers as well as the interdependence among the industries. It also provides comprehensive information on the flow of goods and services in the economy for a particular year. Input-output analysis explains how one industry sector affects others in the same nation or region. The analysis illustrates that the output of one sector can in turn become an input for another sector, which results in an interlinked economic system.

Objectives

The objective of this two-day training course is to improve the understanding and usage of input-output analysis in the areas of economic planning and management, both at the national and enterprise levels.

The key areas to be addressed by this course are:

- A general introduction to the Input-output (I-O) table.
- Introduction to the theory of the Input-output economic.
- Introduction to Input-output analysis and its application.

The course will start on the fundamentals and principles of input-output and its real-world applications. In this regard, the Malaysia's Input-Output (I-O) Tables (2010) will be used as a benchmark to understand the basic of input-output analysis and its applications.

Target Participants

Officials from government bodies and the private sector involved in economic modeling and forecasting. It also opens to participants who are interested in building their expertise in modeling and forecasting and for those who are interested in the Input-output model and analysis.

Learning Outcome

At the end of the course participants will be able to:

- Read and interpret the I-O table.
- Understand the theory of I-O economic.
- Understand the impact analysis.
- Calculate the coefficient, multipliers, inverse matrix and final demand structure.

Facilitators

Prof. Emeritus Dr. Zakariah Abdul Rashid

Executive Director of MIER

Dr. Hj. Ahmad Fauzi Hj. Puasa

Deputy Director of MIER

Dr. Shankaran Nambiar

Senior Research Fellow of MIER

Dr. Abdul Khalid Abdul Hamid

Associate Research Fellow of INTAN

Registration Fee

Package	RM (Per pax)
Early Bird Fee	2,332
Standard Fee	2,544
Premier Group Discount (for 3 delegates and more)	5% discount

*inclusive 6% GST

Required Material

Participants are encouraged to **bring their own laptop** (With Windows 8/10 and Microsoft Excel)

TENTATIVE

DAY 1: WEDNESDAY, 4 OCTOBER 2017

08.30 a.m. - 09.00 a.m.	Registration
09.00 a.m. - 09.15 a.m.	Welcoming Remarks
09.15 a.m. - 10.30 a.m.	Session 1: Introduction to Input-Output (I-O) Technique The concepts and definitions used in the I-O table are based on the System of National Account (SNA). <ul style="list-style-type: none">• Understanding The Input-Output Table• I-O is part of System of National Accounts (SNA)• Use of the I-O Table
10.30 a.m. - 11.00 a.m.	Coffee Break
11.00 a.m. - 12.30 p.m.	Session 1 (continue): Classroom Exercise
12.30 p.m. - 02.00 p.m.	Lunch
02.00 p.m. - 03.15 p.m.	Session 2: Theory of the Input-Output Economic It will cover I-O Models <ul style="list-style-type: none">• I-O Coefficient• Leontief Inverse Matrix
03.15 p.m. - 03.45 p.m.	Coffee Break
03.45 p.m. - 05.00 p.m.	Session 2 (continue): Classroom Exercise <ul style="list-style-type: none">• How to Calculate Coefficient• How to derive Leontief Inverse Matrix

DAY 2: THURSDAY, 5 OCTOBER 2017

09.00 a.m. - 10.15 a.m.	Session 3: Impact Analysis (Price Analysis) <ul style="list-style-type: none">• Backward and Forward Linkages• Impact Multipliers• Final Demand Structure
10.15 a.m. - 10.45 a.m.	Coffee Break
10.45 a.m. - 12.30 p.m.	Session 3 (continue): Classroom Exercise <ul style="list-style-type: none">• Calculating Impact Multipliers• Calculating Final Demand Structure
12.30 p.m. - 02.00 p.m.	Lunch
02.00 p.m. - 03.05 p.m.	Session 3 (continue): Classroom Exercise <ul style="list-style-type: none">• Calculating Impact Multipliers• Calculating Final Demand Structure
03.00 p.m. - 03.30 p.m.	Coffee Break
03.30 p.m. - 04.30 p.m.	Wrap-Up and Discussion
04.30 p.m. - 05.00 p.m.	Submission of Certificate and Closing



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HRDF: MyCOID 149064U

GST ID No. 001938624512

REGISTRATION FORM

INPUT-OUTPUT ANALYSIS TRAINING COURSE

4-5 October 2017

PARTICIPANT'S DETAILS

Name

Designation

Organisation

Mailing Address

Contact Person

Tel No.

Fax No

Email

REGISTRATION FEE (Inclusive of 6% GST)

Full conference registration fee includes training materials, coffee breaks and luncheon.

Fees	Early Bird Fee (before 8 September)	Standard Fee (after 8 September)	Premier Group Discount
Input-Output Analysis	<input type="checkbox"/> RM 2,332	<input type="checkbox"/> RM 2,544	<input type="checkbox"/> 5% Discount for 3 delegates and above

All registration must be received by MIER no later than **29 September 2017**. Cancellations and refunds will not be made after that date. However, substitution will be allowed if made at least 72 hours before the course.

RSVP: Ms. Isnani Ismail and Ms. Kala Rani, Tel: (603) 2142 0091/5895/5897, Fax: (603) 2141 0131, Email: secretariat@mier.org.my

Payment Method

Please select your payment mode:

- Local Order (LO)
- Please invoice accordingly
- Enclosed is a crossed-cheque (No) _____ for the amount of MYR _____ made payable to the **Malaysian Institute of Economic Research (MIER)**.

Signature of contact person

Date

Company stamp

