

## REGISTRATION FORM

Fax: 03-7957 7678 Website: [www.myiem.org.my](http://www.myiem.org.my)

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Name(s)	Membership No. / Grade	Fees (RM)
Total Amount Payable		

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_ Tel(O): \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

(Please write clearly as the "Information Update will be sent via email)

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### PAYMENT DETAILS

- Cash RM \_\_\_\_\_
- Cheque no. \_\_\_\_\_ for the amount of RM \_\_\_\_\_  
(non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA"  
and crossed 'A/C Payee Only'.

#### Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master ; MEPS FPX - Bank Islam personal account, CIMB Clicks personal account & CIMB Biz Channel business account, Hong Leong Bank Personal Account, Maybank2u Personal Account & Maybank2e Business Account, Public Bank Personal Account and RHB Bank Personal Account]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made before the closing date** at the latest.
- If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- FULL PAYMENT must be settled before commencement of the course**, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

# 1 DAY COURSE ON OPERATIONS MANAGEMENT IN THE AGRICULTURAL AND FOOD INDUSTRY

By

Ir. Associate Professor Dr. Johari Endan

29 NOVEMBER 2012 (THURSDAY)

9.00am – 5.30pm

Dewan Seminar

Fakulti Kejuruteraan

Universiti Putra Malaysia

Serdang, Selangor Darul Ehsan

### Registration Fees

Grade	Normal Fee (RM)	Online Fee (RM)
IEM Student Member	70.00	50.00
IEM Graduate Member	150.00	100.00
IEM Corporate Member	250.00	200.00
Non IEM Member	350.00	300.00

Closing Date: 26<sup>th</sup> NOVEMBER 2012

BEM Approved CPD/PDP Hours: 7

Ref. No.: IEM12/HQ/296/C



Organiser:

Agricultural and Food Engineering Technical Division,  
The Institution of Engineers, Malaysia

Jointly organised with

Department of Process and Food Engineering and

Department of Biological and Agricultural Engineering, Universiti Putra Malaysia

## SYNOPSIS

This course is for managers, planners, researchers, and lecturers in the Agricultural and Food Industry and also for others in operations management. The course will discuss and evaluate ways to systematically explain and analyze processes; describe the various work measurement techniques; identify metrics for process evaluation; describe Pareto charts, cause-and-effect diagrams and process simulation; and, create better processes using benchmarking, and identifying keys for effective process management.

The course will also define the major activities associated with defining, organizing, planning, monitoring, and controlling projects; identifying the sequence of critical activities that determines the duration of a project; and defining the options available to alleviate resource problems. In decision analysis the break-even analysis will be explained using both the graphics and algebraic approaches and participants will be explained on how to construct the payoff table and to identify the maximin, maximax, laplace, minimax regret and expected value decision rules and to describe how to draw and analyze a decision tree.

## BIODATA OF SPEAKER

### Ir. Associate Professor Dr. Johari Endan

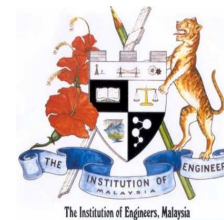
Ir. Dr. Johari graduated with a Ph.D in Biological and Agricultural Engineering from North Carolina State University, Raleigh, NC, USA in 1990. He has a B.S and M.S in Agricultural Engineering from Louisiana State University, Baton Rouge (1976, 1978) and a Diploma in Agriculture (Malaya) in 1973.

He is currently Associate Professor at UPM where he had served for more than 30 years. He teaches Agricultural Process Engineering and several other Process Engineering and Engineering Design Courses, and Operations Management at the Graduate School of Management UPM.

Ir. Dr. Johari had four years private sector working experience with Kelanamas Industries Berhad, and Tunas Selatan Consortium Sdn. Bhd., where he was involved in the proposal to build the hospital in Sungai Buloh which is now completed and operational. Dr. Johari was the Managing Director of the University Business Centre for 5 years where he initiated, monitored and help improved on several privatisation projects in UPM. Earlier on, he was the Deputy Dean of the Engineering Faculty who headed the first curriculum review and accreditation exercise for 5 engineering programs.

Ir. Dr. Johari is active in consultancy work related to Controlled-Environment Engineering and had successfully designed several Plant Growth Chambers. He was also group leader in the Design of an all-Malaysian first Hyperbaric Chamber and is currently doing a research project in High Pressure Processing (HPP) of Food.

TIME	TOPIC
08.30-09.00	Registration
09.00-09.30	Introduction of Speaker & topic of discussion
09.30-10.30	Overview of the Course – Why are the topics of discussion important in Operations Management
10.30-10.45	Tea Break
10.45-12.00	Operations as a Competitive Weapon Operations Strategy Process Design Strategy and Analysis
1200-1300	Planning and Managing Projects Diagramming the Network Using the Activity-On-Node Approach
1300-1400	Lunch
1400-1500	Analyzing Cost-Time Trade-Offs Scheduling Minimum-Cost
1500-1545	Decision Theory Payoff and Payoff table States of the nature and Probability
1545-1600	Decision Making under Certainty
1600-1615	Tea Break
1615-1700	Decision Making under Uncertainty Maximin, Maximax, Laplace, Minimax Regret
1700-1730	Conclusion/Evaluation



### **FOR FURTHER DETAILS, PLEASE CONTACT:**

Agricultural and Food Engineering Technical Division

c/o The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan) 46720 Petaling Jaya

Tel: 603-7968 4001/2 Fax: 603-7957 7678 E-mail: aklanie@iem.org.my

Website: [www.myiem.org.my](http://www.myiem.org.my)