Registration Form

Short Course on

REALIZATION OF COST SAVING OBJECTIVES IN SMIs THROUGH SUSTAINABLE MANUFACTURING PRACTICES

Innovative Approaches Towards Improving Efficiency, Profitability and Competitiveness

I wish to attend the short course. Enclosed herewith is a cheque / bank draft / money order no:..... for the sum of RM ..... payable to UNIVERSITI SAINS MALAYSIA.

Name :
Designation :
Organization :
Address :
Tel No :
Fax No :
Email :
Topic of interest :

_____ Signature	_____ Date

Please send in or fax this form to the following address before 15 June 2012.

Short Course Manager,
School of Chemical Engineering,
Universiti Sains Malaysia, Engineering Campus, 14300 Nibong Tebal, Penang.
Tel: 04-599 6411 Fax: 04-594 1013
Email: chzuhairi@eng.usm.my

Registration & Fee

The registration fee for the 2-day short course is RM 500. It covers technical sessions, course materials, lunches and refreshments. The number of participants will be limited to ensure efficient training. Therefore, successful participation will be on a first-come, first-served basis.

A certificate of participation will be awarded to all participants.

Date & Venue

26-27 June 2012
School of Chemical Engineering,
Universiti Sains Malaysia,
Engineering Campus

Course Components

The short course will consist of a series of lectures and technical discussions. Participants can also name specific topic of interest to be discussed.

Language

The short course will be conducted in English

Contact Us

Short Course Manager
Assoc Prof Ahmad Zuhairi Abdullah
Tel: 04-599 6411 / 6404
Email: chzuhairi@eng.usm.my

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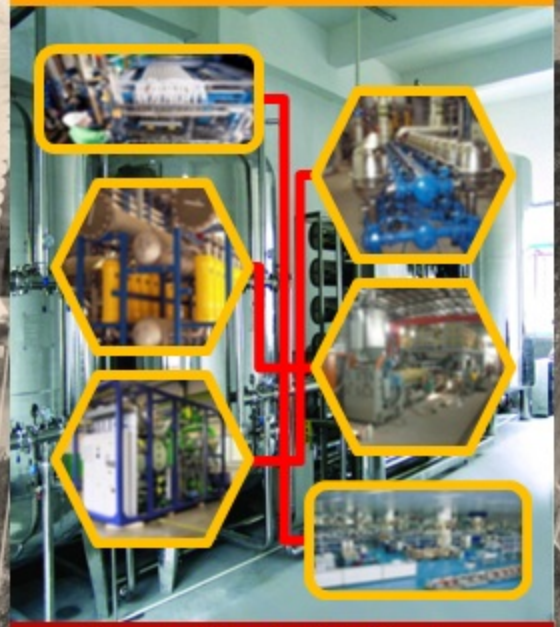

School of Chemical Engineering,
Universiti Sains Malaysia,
Engineering Campus,
14300 Nibong Tebal, Penang

Closing date: 15 June 2012

Introduction

Most industries in Malaysia are under the category of small and medium scale industries (SMIs). With limited financial capability and narrow margin for profitability, the competitiveness of those industries often relies on optimum utilization of resources, improvement in efficiency and reduction in wastages. Often, all are these goals are achievable through better technical competency among their personnel handling the industrial operations.

In order to sustain growth and to survive in a very competitive economic sector, among others, these industries really need to continuously improve the productivity, quality and efficiency. Improvement projects towards meeting cost saving objectives in SMIs through engineering approaches are often performed by untrained personnel with limited understanding on engineering fundamentals and comprehension on practical aspects.

The short course is planned with the main objective of improving the technical competency of relevant technical and non-technical staff performing or involved in cost saving projects in SMIs. The course materials are designed in such a way that they will cover from the fundamentals based on the perspectives of various relevant engineering disciplines to the current practices in industry. Future scenarios and opportunities pertinent to cost saving objectives will also be discussed. The course aims at immediate, short and long term benefits to its target groups.

Course Outcomes

Participants are expected to achieve the knowledge on:

1. Causes of wastage in industry from engineering perspectives.
2. Right and systematic approaches in designing, operation, upgrading and reengineering of industrial operations.
3. Optimization and controlling of industrial processes
4. Common operational problems and corresponding cost-effective troubleshooting measures in various industrial processes.
5. Simple changes in work practice with significant impact to operating costs
6. Various engineering approaches that can be used to minimize operating costs
7. Current trend and future direction in cost saving approaches in industry

Specific Topics

Topics to be covered during the 2-day short course include the following:

1. Sustainable electrical engineering approaches for cost saving
2. Sustainable mechanical engineering approaches for cost saving
3. Sustainable chemical engineering approaches for cost saving
4. Sustainable industrial engineering approaches for cost saving
5. Monitoring and control systems
6. Simple change in work practices
7. Pinch technology approaches
8. Waste reduction, recovery and utilization

Speakers/Facilitators

1. Assoc Prof Ahmad Zuhairi Abdullah
2. Assoc Prof Ir Syafrudin Masri
3. Assoc Prof Zainal Ahmad
4. Dr Chin Jeng Feng
5. Dr Jamaluddin Abdullah
6. Dr Ooi Boon Seng
7. Dr Suhairi Abd Sata
8. Dr Suzylawati Ismail

Who Should Attend

Technical and non-technical staff who are involved in various processes in industries, utility providers as well as some service centers. Their positions in industry could range from technicians, executives, technologists, engineers and managers. Other groups such as researchers, consultants and contractors, officers, members of academic institution and post-graduate students can also participate.

HRC Support

Universiti Sains Malaysia is an approved training provider with the *Pembangunan Sumber Manusia Berhad (PSMB)*. The fee paid by companies registered with the PSMB is claimable under the Human Resource Development Fund (HRDF) scheme

Where to Stay

Parit Buntar Inn (05-716 7308)
Hotel Damai (05-716 5222)
Bukit Jawi Golf Resort (04-582 0759)