

#### VENUE

Institute of Tropical Forestry and Forest Products  
Universiti Putra Malaysia  
43400 UPM Serdang, Selangor

#### WORKSHOP SECRETARIAT

Laboratory of Biopolymer and Derivatives (BADs)  
Institute of Tropical Forestry and Forest Products  
Universiti Putra Malaysia  
43400 UPM Serdang  
Selangor  
Telephone : 03 - 8946 7009 / 8947 1887  
E-mail: [value.eng.upm@gmail.com](mailto:value.eng.upm@gmail.com)  
**Attn: Mrs. Nazlia Girun / Mrs. Nor Azizah Haron**

#### FEES AND REGISTRATION

Student	RM 300
Government/Private Agency	RM 320

Registration fee covers the workshop materials, breakfast, refreshment and lunch. The fee may be paid by bank draft, cheque or money order, payable to 'KIRA-KIRA AM UPM'. Please send the payment slip and registration form to the Workshop Secretariat.

#### APPLICATION FORM

Complete the following form and email to  
[value.eng.upm@gmail.com](mailto:value.eng.upm@gmail.com)

or

fax to **03 - 89471896**

#### Value Engineering Workshop 11 February 2014

Name (with title) :	_____
Organisation / Institution :	_____
Address :	_____
Postal Code :	_____
City :	_____
Telephone :	_____
Email :	_____
Vote No. (for UPM student/staff):	_____
Mode Payment :	
	<input type="checkbox"/> Bank Draft
	<input type="checkbox"/> Cheque
	<input type="checkbox"/> Money Order
	<input type="checkbox"/> Jurnal (for UPM student/staff)
Category :	
	<input type="checkbox"/> Student
	<input type="checkbox"/> Government Agency
	<input type="checkbox"/> Private Agency



## VALUE ENGINEERING WORKSHOP

11 February 2014



**Organized by :**

Laboratory of Biopolymer and Derivatives (BADs)  
Institute of Tropical Forestry and Forest Products  
Universiti Putra Malaysia

# VALUE ENGINEERING

## INTRODUCTION

**Value Engineering (VE)** is a systematic method to improve the "value" of goods or products and services by using an examination of function. Value, as defined, is the ratio of function to cost. Value can therefore be increased by either improving the function or reducing the cost. It is a primary tenet of value engineering that basic functions be preserved and not be reduced as a consequence of pursuing value improvements.

## WHO SHOULD PARTICIPATE

Participants encompassing consultants, contractors, engineers, scientists, other technical personnel interested in the technology and innovation, lecturers and students.

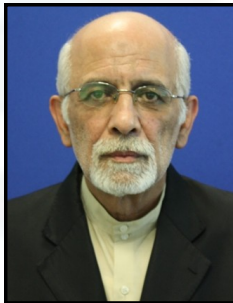
## OBJECTIVES

The topics covered in this workshop shall concentrate on four main objectives in Value Engineering which are:

- to improve quality, reliability, maintainability and performance,
- to reduce time,
- to save money, and
- to improve human factors such as attitude, creativity and teamwork.

# VALUE ENGINEERING

## THE CONSULTANT



**Assoc. Prof. Dr. Naseer Rostam Afshar**

Dr. Naseer is specialized in Hydraulic Structure. He is currently an Associate Professor in the Department of Civil Engineering, UNIMAS. His areas of Research are Spillway Aerators, River Control and Training and Water Resources Development. He Has in his credit to serve as Managing Director of Water Resources Research Organization in Iran.

## WORKSHOP BENEFIT

Value Engineering is a body of knowledge as a technique in which the value of a system's outputs is optimized by crafting a mix of performance (Function) and costs. In most cases this practice identifies and removes unnecessary expenditures, thereby increasing the value for the manufacturer and/or their customers. After attending the workshop, participants would be able to identify opportunities to remove unnecessary costs while assuring quality, reliability, performance of projects.

# WORKSHOP SCHEDULE

11 February 2014 (Tuesday)	
0830 - 0900	Registration
0900 - 0915	Welcoming remarks
0915 - 10.30	<b>Introduction to Value Engineering</b>
10.30 - 1100	Refreshment
1100 - 1230	<b>Job Plan, Fast Diagram</b>
1230 - 1400	Lunch break
1400 - 1530	<b>Application of Value Engineering (Case study)</b>
1530 - 1615	<b>Q&amp;A, Round Table Discussion</b>
1615 - 1630	Closing Ceremony & Certificate Presentation
1630 - 1700	Refreshment

