

Value Management Professional Course Module 1



BEM Approved CPD: 30 hours

Synopsis of Course

The Value Management Professional Course Module 1 is a comprehensive four-day programme that introduces participants to the principles, methodology, and practical application of Value Engineering (VE). The course covers all key topics required under the Value Management framework, including the fundamentals of value, the role of VM in the project lifecycle, and the structured Six-Phase Job Plan used in VE studies.

Participants will also be introduced to essential VM tools and techniques, such as function analysis, FAST diagramming, and life cycle costing, which are commonly applied in Value Engineering workshops. This course equips professionals with the foundational knowledge required to participate effectively in VM studies and serves as the first step toward becoming a Certified Value Manager (CVM).

Who Should Attend

This VM1 Workshop is designed for a broad range of engineering and technical professionals - from young graduates to experienced practitioners, who wish to understand and apply Value Management (VM) in their work. It is suitable for engineers, architects, quantity surveyors, project managers, and other related professionals. The course provides a clear introduction to the Value Methodology, how it is applied in real-world projects, and equips participants to contribute meaningfully in future Value Engineering (VE) studies.

Professional Pathway

Completion of the VM1 course marks the first step in the professional Value Management pathway. Participants may then register with the Institute of Value Management Malaysia (IVMM) and progress to the next level of training (VM2), building on their knowledge and practical experience. This structured pathway leads toward recognition as a Certified Value Manager (CVM), a credential that reflects competency in leading and contributing to VM studies.

8, 9, 10 & 11 June 2026
Hotel Armada, Petaling Jaya

Speaker



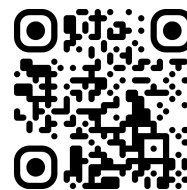
Ir. Kalai Chelvan Arumugam is a registered Professional Engineer with Practising Certificate (PEPC) and Certified Value Manager (CVM) registered with Institute of Value Management Malaysia (IVMM). He is currently the principal of Riaque Konsult Sdn Bhd. He has more than 30 years of working experience with extensive design and project experience in many countries in the region and is familiar with projects right from the inception, design, construction to Operation & Maintenance phase. As a VM practitioner, he has successfully conducted numerous Value Management workshops especially related to major infrastructure projects including hydropower, roads and highways, weir and water storage projects, Resettlement Project, etc.

Registration Fee (inclusive of 8% SST)

ACEM member firms
RM 3,780.00 per person

Others
RM 4,320.00 per person

(E-certificate of attendance will be issued, subject to full attendance)



Please click link
<https://klikesini.my/IZxQZ>
or scan QR code for online registration.

Registration Deadline : 29 May 2026

For further enquiries, please contact the ACEM secretariat at 012 5290031 or email vivien@acem.com.my

Value Management Professional Course Module 1

Day 1 - 8 June 2026

8.00 a.m. **Registration**

8.30 a.m. **Introduction to Value Management**

- Fundamental Concepts & Principles of Value
- History and Development of VM
- VM Intervention, Benefits, Challenges & Misconceptions

9.30 a.m. **Function Analysis Phase (Part 1)**

- Explain Function Analysis
- Differentiate Functions
- Organize Functions

(15 min tea break @ 10.30 a.m.)

12.30 p.m. **Lunch Break**

1.30 p.m. **VM Pre-Study Planning Phase**

- Identifying VM Study Goals & Objectives
- Conduct VM Pre-Study Meeting

(15 min tea break @ 3.30 p.m.)

3.45 p.m. **VM Study Process**

- Structured VM Process
- Pre-Workshop Stage Activities
- Workshop Stage Process – Six-Phase Job Plan
- Post-Workshop Stage Activities

5.30 p.m. **End Day 1**

Day 2 - 9 June 2026

8.00 a.m. **Registration**

8.30 a.m. **VM In Malaysia**

- Background and Implementation of VM in Malaysia
- Process of getting to CVM in Malaysia

9.30 a.m. **Information Phase**

- Various Terms & Definitions
- Information Gathering
- Process Flowchart
- Team Exercise

(15 min tea break @ 10.30 a.m.)

12.30 p.m. **Lunch Break**

1.30 p.m. **Function Analysis Phase (Part 2)**

- FAST Diagram
- Application / Simulation of FAST Diagram
- Outcomes of FAST Diagram and Function Analysis
- Team Exercise

(15 min tea break @ 3.30 p.m.)

5.30 p.m. **End Day 2**

Day 3 - 10 June 2026

8.00 a.m. **Registration**

8.30 a.m. **Risk Management in VM**

- Integration of Risk Management in VM Projects

9.30 a.m. **Creative Phase**

- Types of thinking and Importance of Creativity Phase
- Framing Problems using Functions
- Brainstorming & Brainwriting
- Team Exercise

(15 min tea break @ 10.30 a.m.)

10.45 a.m. **Evaluation Phase**

- Key Terms & Definitions
- Process Inputs & Outputs
- Evaluation Frameworks and Criteria
- Selecting Ideas and Evaluation Techniques
- Team Exercise

12.30 p.m. **Lunch Break**

1.30 p.m. **Development Phase**

- Financial Assessment
- Life Cycle Costing
- Benefit to Cost Ratio
- Team Exercise

Presentation Phase

- How to Sell Your Idea
- Presentation Outline
- Team Exercise

(15 min tea break @ 3.30 p.m.)

3.45 p.m. **Mini Consultancy Project (Part 1)**

- Function Analysis
- Creativity
- Evaluation

5.30 p.m. **End Day 3**

Day 4 - 11 June 2026

8.00 a.m. **Registration**

8.30 a.m. **Tools for VM**

- Value Tree
- Weighted-Decision Matrix

9.30 a.m. **Mini Consultancy Project (Part 2)**

- Development

(15 min tea break @ 10.30 a.m.)

12.30 p.m. **Lunch Break**

1.30 p.m. • Development & Presentation

(15 min tea break @ 3.30 p.m.)

4.30 p.m. **Evaluation & Feedback**

5.30 p.m. **END OF SESSION**