



Advanced Value Engineering Methods and Step-by-Step Implementation Concepts, Skills, Methods &



2 - 6 March 2025



Cairo (Egypt)

Advanced Value Engineering Methods and Step-by-Step Implementation Concepts, Skills, Methods & Motivation

course code: P9405 From: 2 - 6 March 2025 Venue: Cairo (Egypt) - InterContinental Cairo Semiram course Fees: 2502 Euro

Program Overview

In this program you will learn about...

Program Includes: Understanding Value and Costs. Step-by-Step Methodology, Contractual Arrangements, Benefit Sharing, Opportunities Identification and Building a Knowledge Base to Support Value Engineering Initiatives. Incorporating Engineering Value Analysis Methodology.

Program Content

- The Value Engineering (VE) Concept
- "What is Value for your Organization"
 - Key Strategic Initiatives
 - Internal & External Customer Expectations
- **Understanding Costs and Prices**
- Value Engineering Step-by-Step Methodology that overcomes the Multi-Discipline Roadblocks to Value Engineering, including...
 - Management Commitment
 - Team Selection, Working & Empowerment
 - Identifying the Widest Range of Improvement Opportunities
 - Short-listing, Analysis, Recommendations and Management Approval
 - Implementing VE Opportunity as a Project
 - Objectively Measuring Success
 - Celebration and Getting Ready for the Next VE Initiative
- Value Engineering Domain Knowledge
 - Management
 - Process
 - Technical
- Value Engineering Issues in Various Situations (Some of following Case Studies will be discussed)
 - Project Selection
 - Project Conceptualization
 - Feasibility Study
 - Preliminary Design
 - Detailed Design
 - Construction and Implementation
 - Operation Phase
 - Maintenance
- Motivational Issues for Successful Value Engineering Initiatives. Motivating for Value Engineering - Case Studies we will choose from...
 - Employees
 - Designers
 - Contractors
 - Service Providers
 - Out Sourcing Partners
 - Joint Venture Partners
 - Distributors

- Retailers
- Contractual Conditions in Contracts to Promote Value Engineering
- Some Pro-Active Value Engineering Projects to Implement
- Building Value Engineering Enabling Knowledge Bases
- Workshop & Action Plan: Value Engineering Implementation Strategy for your Organization/Department.

