### **SIEGER TRAINING INDIA**

# **Analytical Thinking**

## For Results Orientation Excellence

### **Objective:**

- Understand how Analytical Thinking can help Management and Operations
- Evaluate Role of Analytics In Problem Solving Framework
- · Apply Analytical Thinking concepts and techniques applicable to any Industry
- · Diagnose Root Causes for Business, Management and Operational Problems
- Present Possible Solutions from Analytical, Systemic and Out-of-the-Box Thinking
- Comprehend the "Big-Picture" for Decision Making by SWOT and PESTEL Analysis
- · Evaluate the impact of output and outcome towards strategy execution
- . Develop Alternative Ideas Through " Out-of-the-Box" Thinking Framework

### Methodology:

- Real-World Experience Simulation between Facilitator & Participants
- Participants will be led in a Directed Learning Mode, not Just with Facilitator's one-sided Lectures
- Combination of Presentations and Examples from Facilitator and Interactive / Hands-On Participants' Exercises with
   Individual / Group Report-Outs
- Experiential workshop environment where participants will be educated to take risks and make adjustments based on their results from Role-Plays before approaching large real-time projects.

### **Audience & Duration:**

Participants: Managers – Project Leads – Quality – Process Leads & Team Members
Workshop Methodology: Interactive & Participatory Case Based Reasoning & Facilitation
Workshop Duration: 2 Days highly interactive session [Schedule: 9:15 - 10:45AM / 11 - 1PM / 1:45 - 3:15PM / 3:30 - 5:30PM]

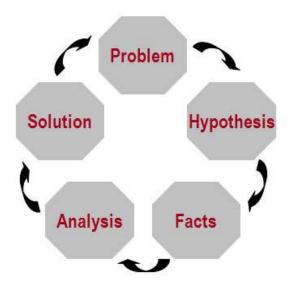
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### **Content Outline:**

- 1. Introduction to Analytical Thinking In Problem Solving & Solution Development
  - Clarification
  - Ideation
  - Development
  - Implementation



### 2. Analytics, Brainstorming, Creativity, Decision-Making & Execution [ABCDE]

- Divergent & Convergent Thinking Guidelines & Tools
- Roles In ABCDE: Client, Facilitator & Resource Group
- Statement Starters: Imagine The Future, Find The Questions & Plan For Action

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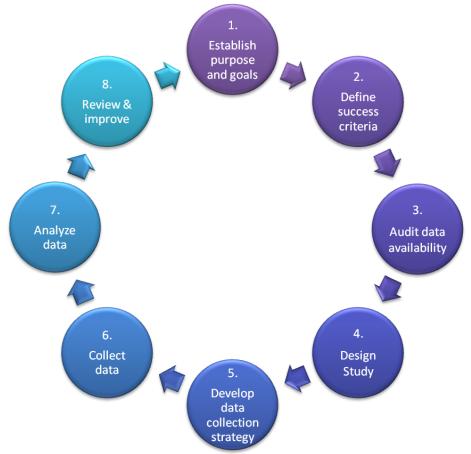
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### 3. Stages In Analytics [Osborn - Parnes' & Analytical Thinking Framework]

- Objective Finding
- Fact Finding
- Problem Finding
- Idea Finding
- Solution Finding
- Acceptance Finding



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### 4. Analytical Thinking & Idea Finding Techniques

- Inverse
- Forced Connections
- Analogy
- SCAMPER

### 5. Brief Concept Introduction to Analytical Thinking Tools & Techniques

- Analytical Thinking Concepts For Strategy Execution
- Root Cause Analysis: Ishikawa Fishbone Diagram 6M Cause / Effect Analysis Force Field Analysis Scatter Diagrams
- Process, Brain & Mind Mapping
- SWOT Analysis
- PESTEL Analysis
- Why Why & 5 Why Analysis
- Blue / Red Ocean Analysis
- Balancing Logic & Creativity By Six Hats & Lateral Thinking Framework

### 6. Developing the Solution for Biz & Operational Problems

- 5W1H [What When Where Who Why How]
- Going Beyond 5W1H: "Why Not" Analysis Transformation & Innovation for Biz Process Reengineering leading to
  Business Performance Management

### 7. Innovation Driven by Everyone's Attention [IDEA]

- Effective Brainstorming Techniques
- Idea Generation Template For Analytical Thinking & Solution Development

## 8. Individual / Team / BU / Organization Specific Biz Challenge - EGO [Expectation - Goals - Objectives] Analysis - Solution Finding

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- Facilitators Travel & Food have to be taken care by the client
- Clients will have to arrange LCD, Speakers, Mike on their own.
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