



## Creative Problem Solving

Welcome to our Creative Problem-Solving Training, where we aim to tackle the challenges of the workplace. In today's paced environment professionals often encounter a variety of problems that demand innovative solutions. The key lies in understanding when to rely on established routines and when to explore territories, for problem solving strategies.

During our one-day training program participants will gain perspectives and valuable tools for problem solving enabling them to effectively apply these skills in their daily work. The insights acquired during this session will empower learners to meet the evolving demands of their professional roles.

**Course Overview;**

Our training begins with introductions and an overview of the workshop's agenda. Moreover, participants will have the chance to outline their learning objectives.

**In this workshop participants will have the opportunity to;**

- Develop an understanding of problems and the creative problem-solving process
- Identify what kind of information to gather and the key questions to ask when solving problems
- Understand the importance of defining a problem
- Utilize four specific tools, for defining problems
- Create clear and specific statements for the identified problems
- Use essential brainstorming techniques to generate innovative solutions
- Evaluate potential solutions based on predefined criteria, including cost benefit analysis and group voting
- Perform a final analysis to choose the most suitable solution
- Recognize how fact-based reasoning and intuition contribute to solution selection
- Appreciate the significance of refining and redefining the shortlist
- Determine necessary tasks and resources needed for implementing selected solutions
- Assess and modify solutions according to real world constraints

**The Methodology of Creative Problem Solving;**

Our program commences by introducing participants to the problem-solving process. It explores perspectives on what constitutes a "problem", in contexts. This module introduces a six-step approach that will be followed throughout the course.

**Acquiring Information;**

To effectively address problems participants will learn about the importance of gathering information during this session. This covers a range of information, important inquiries and diverse approaches, to gathering data.

**Identifying the Problem;**

Moving forward the course dives into recognizing problems and highlighting the significance of a clear and precise problem definition.

**Preparing for Idea Generation;**

This section addresses barriers that impede effective brainstorming and provides strategies to overcome these obstacles. It also introduces techniques to stimulate thinking.

**Generating Solutions;**

Participants will acquire tools and insights to generate solutions as part of the creative problem-solving process.

**Evaluating Solutions;**

This session concentrates on establishing criteria and objectives for problem solving helping participants differentiate between desires and necessities.

**Choosing a Solution;**

An extensive discussion on analysis is followed by introducing a technique known as Paired Comparison Analysis for selecting solutions.

**Planning Your Next Steps;**

This session revisits the concept of Paired Comparison Analysis and its role in solution selection.

**Documenting Lessons Learned;**

This session encourages participants to apply their acquired problem-solving skills in simplifying challenges.

**Wrapping Up the Workshop;**

Towards the end of the course participants will have an opportunity to ask questions and develop an action plan, for implementing their improved problem-solving abilities.

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