1. Course Details:

Course Code : PMIM-006
Course Title : The Art of Professionalism in the Engineering Project Management
Course Duration : 5 Days

2. Course Overview:

- The technical engineering projects are complex and multidimensional undertakings, demanding comprehensive procedures, integrative skills, discipline and a broad management perspective. Receive an intensive and comprehensive introduction to the process and foundations of project management to do your job better.Learn a step-by-step, phase-based approach for successful projects.

3. Learning Outcomes:

- Improve your estimation of project cost, resources and time
- Enhance your overall project management skills
- Manage your project successfully in different sectors and contexts
- Work together successfully in a project team
- Examine the elements of a project (such as interfaces, stakeholders, cultures, environment, technology, etc.) and their intricate interactions
- Identify what makes a project complex and how to perform a complexity assessment
- Develop a complexity footprint and adapt your management processes to fit the complexities of your project

4. Course Contents:

Project Management Basics, Initiation, and Planning:

- Project management basics: types and characteristics of projects, triple constraints of project management, project methodologies, projects vs. programs vs. portfolios, project stakeholders
- Project conceptualizing and initiating developing success criteria and determining what "done" looks like, creating the business case, cost benefit analysis, developing the project charter

Planning and Execution:

- Project planning: the work breakdown structure, estimating using effort and duration, techniques for accurate estimates
- Methods to calculate start and finish dates of tasks, network diagrams, critical path method, resource planning, creating a project milestone schedule

- Creating Gantt charts, identifying and quantifying project risks
- Project execution and control: creating a high-performing project team, techniques for effective communication and status reporting, earned value management

Control, Close, and Action Planning:

- Project execution and control: project scope management and developing a change control plan
- Monitoring and managing risks and issues, managing stakeholder expectations
- Project closing: scope verification, transferring deliverables to the customer, post-project review

5. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

6. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

7. Who Should Attend?

- New and Experienced Project Managers
- Program Managers
- Project Engineers
- Designers, IT and Technical Professionals