



## Workshop on Software Project Management

### 1. Program Overview

Raj InfotechBiz Solutions Pvt. Ltd. (RISPL) ensures more tips and techniques with relevant business scenarios and real time situations as part of the learning through their successful Software Project Management workshop to enable aspiring managers to excel in the field of software project management to meet organizational goals. Most of the top tier business organizations, including fortune 500 companies might have invested a huge sum for IT activities. It could be for software projects - customized, locally developed, packaged etc. or hardwares or network items or other IT related devices. These IT investments are made to meet or support the business objectives. In this context, software projects are playing major role to meet business needs. Managing software projects are made easy for aspiring candidates by following the best practices, processes, methodologies and technologies. Therefore, in order to manage and deliver the software projects successfully, those who aspires need to know the best practices, processes etc. There are also quite few methodologies, techniques, tools etc. available to add more value for software project management. The workshop would throw more light on all these deliverables. The proposed workshop is aligned with the requirements of ISO and CMM5 standards and the subject contents are more relevant to PMI (PMBOK) standards.

### 2. Why this workshop is important?

#### Business related:

- ❖ Transforms customer requirements/needs into an executable software project/product to meet the objectives
- ❖ Need of greater agility to react to changing business environment to tide over competition
- ❖ Need for ever increasing capabilities with new functionalities to tide over the competition or face the challenges
- ❖ To reduce the cycle time of a functional process
- ❖ To avoid duplication of processes and ensure data integrity
- ❖ To delight the customers
- ❖ Bring the service to the doorstep of the customers
- ❖ As part of automation, transparency and business need

#### Career related:

- ❖ To have management and leadership skills
- ❖ To resolve project development issues with ease
- ❖ To move to project manager role from lower level as early as possible



- ❖ To have job satisfaction
- ❖ To guide and monitor their subordinates for a better result and output
- ❖ To complete the project on time with quality
- ❖ To have better understanding about software project management and speak the project management language with other appropriate persons

## **What is software Project management?**

Project Management is a disciplined methodological approach to manage IT software projects to meet the investment objectives for potential return through risk factors. It ensures business organization to measure and monitor various stages of software project development through well defined processes.

### **3. Benefits of SW Project Management workshop**

- ❖ Increase in salary
- ❖ Better career opportunities
- ❖ Improves their skills, knowledge capability and self confidence to handle such projects
- ❖ Recognition from your boss and colleagues
- ❖ To play the role of Project manager

### **4. Course content for SW Project Management Workshop**

#### **Session 1 and 2**

- Project Stakeholders
- Project Initiation
- SDLC Models
- Process Models
- Project Planning – Scoping
- Activity/work product & Work breakdown structure (WBS)
- Scheduling
- Resource identification and allocation
- Project Execution
- Project tracking and review
- Project Change Management
- Risk management
- Metrics Management
- Software Configuration Management
- Quality Management – Quality assurance and control



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- Project management tool
- Case study and Exercises.

## Session 3 and 4

- Project Engineering
- Estimation – Function point analysis
- Budget and Costing
- Requirement Gathering – Elicitation Techniques
- Requirement Analysis
- Traceability matrix
- Architecture
- High level design
- Low level design
- Coding/Development
- Testing
- Implementation/Go live
- Maintenance
- Project Closure
- Interpersonal skills
- Case study and Exercises.

### **5. Eligibility Requirement/ Pre-requisites for the training**

Any participant with degree/diploma with minimum of 2 years development experience

Each participant should have a Computer with Broadband internet connection and High quality head set

### **6. Target Audience**

IT Professional, Software Engineers, Team Lead, Project Lead, Tech. lead, Architect, Business Analyst, IT Managers, Project Managers, EDP/MIS Managers, etc.

### **7. Date and Time**

On Demand for 4 sessions, each session with 4 Hrs duration ( Total 16 Hrs)

### **8. Mode of Delivery**

Live virtual/online Class Room



## 9. Programme Takeaways

1. Hand out of course content
2. Certificate
3. Knowledge on Project Management with case studies

## 10. Procedure for Certificate

1. Each participant needs to attend 4 days of training through virtual/on line classes

## 11. Price

- Participant Fee: Rs. 5,900 per seat + (Service Tax 12.36%)

## 12. Faculty Profile

### R.Wilfred Raju

***MCA, M.Sc, PGDCA, Six Sigma Black Belt, ITILV3 (Foundation), Global Business Leadership certification from U21 GU, Singapore.***

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Wilfred Raju is the founder and Managing Director of Raj InfotechBiz Solutions Pvt. Ltd., a Six sigma practicing company, who aims to help the organization to achieve improvement in the performance of the business processes. Improvement comes though by identifying business problems/pains, reduce the cycle time of a process/service/product and align the IT investments with Business objectives to maximize the ROI, reduce the TCO, delight the customers and increase the net profit of the business.

Wilfred has overall 26 years+(>15 yrs in IT) experience in IT Project/Program delivery management, Product development and Consulting- Business Process Re-engineering, IT Portfolio Rationalization, Process & Productivity Improvement, Resource Identification, Resource Placement and Six sigma consulting with a *capability to start new Business units/Practices*, manage and operate as profitable practices.

As he has played roles like Delivery Head, Principal Consultant, Program Manager, Project Manager and EDP/MIS Manager in IT companies like Satyam Computer Services Ltd.(Mahindra Satyam), NatureSoft and Geosoft and non IT Company like Central Warehousing Corporation, he is having expertise in multiple technologies- Microsoft, JAVA, Open source, Embedded and ERP and hands-on exposure to operations Management with the knowledge of business processes of Human Resource Management, Banking, Insurance, Finance, Warehouse & Transport (Logistics) Management; Import & Export Operation; Container Freight Station Management, Auto manufacturing & Port operational processes; Trading, Retail, Shipping Management and Supply Chain Management.

Wilfred was playing key role as part of recruitment team of Satyam Computer Services Ltd wherein he was involved in activities like Identification and selection of right resources and



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Competency development.

Wilfred has also given business solutions through consulting to many fortune 500 companies, mid and small size enterprises (MSE) like Honda Japan, World Bank, Satyam Computer Services Ltd, Kings Industries etc, As he is more strategic in his thoughts, he has developed, groomed and mentored many next generation leaders and they are part of leading multinational business organizations. He has **conducted many Six sigma, Quality process, 5S, BPR, IT Portfolio Rationalization, Process & Productivity Improvement, Software Estimation and Project Management workshops** for IT as well as non-IT employees

While Wilfred has authored books on Linux and **Software Project Management**, **he is currently writing a book on business solution techniques and tools for all business problems**. He has given series of talks, conducted workshops and seminar on topics like Effective business solutions, How to recover sick industries, Marketing Strategies, PEST & SWOT Analysis, Different roles in IT industry and emerging technologies. He has written motivation articles in leading news papers, magazines, etc. He has also given TV talks on Software Project Management, Linux, future of IT field etc.

Wilfred is a member of Board of Studies, Adhiparasakthi College of Arts & Science, Kalavai, Vellore Dist.

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