Indian Institute of Management Indore

Executive Post Graduate Program in E-GOVERNANCE

2013-14

Title of the Course	Systems Approach to Project Management	Number of Credits: 4
Name of the Faculty member(s)	B.KRISHNAMURTHY (BKM)	P.SEENIVASAN (PS) and Vijay Prashanth (support faculty)
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COURSE DESCRIPTION

The course covers the elements of Project Management Framework aligning to Project Management Institute's (PMI), Project Management Body of Knowledge(PMBOK) and application of the Project Management best practices using Microsoft Projects 2013 to develop, track and monitor projects of any domain. The various elements that would be covered include Scope, Schedule, Cost, Human Resources, Stakeholders, Communication, Risk and Procurement. Code of ethics and Professional responsibilities for the Project Management Professionals will be another element.

COURSE OBJECTIVES

The course will enable the students to
- Initiate projects and perform stakeholder analysis
- Develop an integrated project plan
- Direct and Manage execution
- Monitor and control project work and results
- Close after acceptance and transition of the product
- Understand specialized techniques like Critical path scheduling, critical chain scheduling, earned value analysis etc
- Modelling of the project plan using a computerized scheduling tool (Microsoft Projects 2013)

PEDAGOGY

The pedagogy will be predominantly interactive lectures, Group discussions, hands-on exercises and mini project. Distance learning will be enabled to all students for Microsoft project 2013 off-line learning.

Evaluation:

S No	Mode	Weightage
1	**Participation and Team presentation**	**20%**
2	**Midterm Exam**	**20%**
3	**End term Examination**	**30%**
4	**Project Plan Developed through MSP 2013**	**30%**

SCHEDULE OF SESSIONS:

Module 1: Systems Approach to Project Management

Faculty: B.KRISHNAMURTHY (BKM)

Module Objective(s): In this module the overview of the Project Management, Project life cycle and its characteristics, 10 Knowledge areas will be discussed. The students will learn the best practices of Project Management and will present their project on which they will work after the completion of module.

Sessions 1	**Introduction to Project Management and Project Life cycle**
Reading	ProVentures Course book– Relevant Chapter
Case	*A Compendium of PMO Case Studies: Reflecting Project Business Management Concepts*
Sessions 2	**Project Organization Project Management Processes for a Project**
Reading	ProVentures Course book– Relevant Chapter
Case	*A Compendium of PMO Case Studies: Reflecting Project Business Management Concepts*
Sessions 3	**Project Scope Management**
Reading	ProVentures Course book– Relevant Chapter
Case	Practice Standard for WBS, Second edition, PMI Publication
Sessions 4	**Project Time Management**
Reading	ProVentures Course book– Relevant Chapter
Case	Practice Standard for Scheduling, Second edition, PMI Publication
Sessions 5	**Project Cost Management**
Reading	ProVentures Course book– Relevant Chapter
Case	*Integrated Cost and Schedule Control in Project Management*, Second Edition by Ursula Kuehn, PMP, EVP
Sessions 6	**Project Quality Management**
Reading	ProVentures Course book– Relevant Chapter
Case	ProVentures Work book
Sessions 7	**Project Human Resource Management**
Reading	ProVentures Course book– Relevant Chapter
Case	Project Success: Critical Factors and Behaviours Author: Emanuel Camilleri
Sessions 8	**Project Communication Management**
Reading	ProVentures Course book– Relevant Chapter
Case	ProVentures Work book / Group activity
Sessions 9	**Project Risk Management**
Reading	ProVentures Course book – Relevant Chapter
Case	Practice Standard for Scheduling, Second edition, PMI Publication

Sessions 10	Project Procurement Management
Reading	ProVentures Course book– Relevant Chapter
Case	Systems approach to Project Management by HeroldKerzner
Sessions 11	Project Stakeholder Management
Reading	ProVentures Course book– Relevant Chapter
Case	ProVentures Work book / Group activity
Sessions 12	Project Integration Management
Reading	ProVentures Course book– Relevant Chapter
Case	Not applicable
Sessions 13	Presentation/Seminar by groups

Module 2: Application of Project Management Processes through Microsoft Projects 2013
Faculty: P.SEENIVASAN (PS)

Module Objective(s): In this module, the students will learn to apply the best practices learned in the module 1 using Microsoft Project 2013 tool. This module is fully hands on the students will learn to use the tool for Scheduling and Tracking the project.

Sessions 1	Introduction & Pre-project settings
Reading	ProVentures Course book
Case	Not Applicable – Real time project plan preparation
Sessions 2	Create Work breakdown structure and Task Planning
Reading	ProVentures Course book
Case	Not Applicable – Real time project plan preparation
Sessions 3	Resources overview and Assignments
Reading	ProVentures Course book
Case	Not Applicable – Real time project plan preparation
Sessions 4	Network Optimization – Schedule compression techniques
Reading	ProVentures Course book
Case	Not Applicable – Real time project plan preparation
Sessions 5	Cost Estimation, Budgeting and Project Baseline
Reading	ProVentures Course book
Case	Not Applicable – Real time project plan preparation
Sessions 6	Task progress update and Tracking
Reading	ProVentures Work book
Case	Not Applicable – Real time project plan preparation
Sessions 7	Developing Visual and Static Reports
Reading	ProVentures Course book
Case	Not Applicable – Real time project plan preparation

Text Books

1. Project Management Body of Knowledge® Fifth Edition by Project Management Institute®, USA.

2. Microsoft Project 2013® Step by Step from Microsoft Press.