



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, M.Sc., Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

Sub Committee for Curriculum Development **Operations Management Specialization**

Format to submit syllabus

Course Name: Project Management

Course Code: T2618

(UG/PG): PG

Code: OMP32

Number of Credits: 3

Level: 4

Learning Objective(s):

1. To understand and learn major aspects of project management
2. To discuss various concepts, tools & techniques of project management.
3. To discuss various issues related to project planning and scheduling
4. To discuss various issues in project evaluation.
5. To analyze and categorize the different risks involved in project management.

Pedagogy:

- Lectures supported by examples, case studies
- **Projects work**

Pre-learning:

Nil

Course Outline

Sr. No.	Topic	Hours
1	Project Management Overview-Definition, functions, evolution of Project Management, Classification, different environments	2
2	Project Management Systems-Systems approach, analysis, development, project feasibility, life cycle, appraisal, different phases of development cycle	2
3	Project Feasibility Study-Developing a project plan, Analysis -market & technical, financial, risk, sensitivity, social cost benefit analysis	2
4	Project Planning and Scheduling-Planning fundamentals, master plan, work breakdown structure, work packages, Use of Gantt Charts & network diagrams, activity of node diagrams, activity on arrow diagrams, the critical path	3
5	PERT, CPM, Resource Allocation-Tools & techniques for scheduling , crashing of networks, time cost, relationship, resource levelling	4
6	Cost Estimating & Budgeting -Cost estimating process elements of budgeting, project cost accounting	4
7	Managing Risks in Projects-Risk concept & identification, risk assessment, risk priority, risk response planning, risk management methods	2
8	Project Control and Project MIS-Information monitoring, internal & external project control, , variance limits, features of PMIS	3
9	Project Evaluation, Reporting & Termination-Project reviews & reporting, closing the contract	2
10	Project Organization- Structure-Requirements of project organizations, structures & integration in large scale projects, roles -project manager & team, Leadership, Building teams, Resolving conflicts	2
11	Project Quality -Quality assurance, quality audit, tools & techniques of TQM	2
12	Contract and Procurement Management-Project Procurement and Contracts Management Methods	2
13	Project work	15 hours
	Total	30

Books Recommended

1. Project Management for Business & Technology (Principles & Practice)
2. By Nicholas, John M. Pearson Education
3. Project Management – A Managerial Approach: By Meredith, Jack R / Mantel, Samuel J. JW & Sons, 2002
4. Projects: Planning, Analysis, Selection, Implementation & Review By Chandra, Prasanna. Tata McGraw Hill 2004
5. Project Management – A systems Approach to Planning, Scheduling and Controlling by Harold Kerzener , Wiley publications
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Suggested Evaluation Methods:

- Project
- Case analysis

Parallel/Similar courses the existing curriculum:

S.No.	Name of the course	Institute where it was offered
1	Project Management	SIOM
2	Project Management (Operations)	SCMHRD
3	Project Planning, Analysis & Management	SIBM-B
4	Project Management	SIBM-P
5	Project Management	SIIB
6	Project Management	SIMS

Name of Member	Dr Dubey	Dr Vandana			
Designation	Asso Prof	Director			
Org. / Inst.	SIOM	SIOM			
Signature					

Name of the Expert:

1. Dr. Vandana Sonwaney
2. Prof. Manisha Ketkar

Signature:

Date: April 2015