

TCET/FRM/IP-02/09

Revision: A

**Semester Plan**  
**(Theory)**

**Semester: VII**  
**Subject: ITC701:SOFTWARE PROJECT MANAGEMENT**

**Course: IT**  
**Class: BE IT B**

S.No.	Prerequisite/ Bridge course:	Duration (Week /Hrs)	Modes of Learning	Recommended Sources
1	Basic concepts of software engineering like phases of SDLC, Software quality, software Testing techniques.	6 hours	Self Learning/ Revision	Textbooks: 1. Software Engineering, Pressman.

**Class Room Teaching**

Sr. No	Module No.	Lesson No.	Topics Planned (Technology to be used)	Teaching Aids Required	Planned /Completion Date	Resource Book Reference	Remarks
1	--	L1.1	SOP-Theory	Power point presentation, Chalk & Board	10/7/2017	---	
2	--	L1.2	SOP-Practical	Power point presentation, Chalk & Board	11/7/2017	---	
3	--	L1.3	SOP-OBE	Power point presentation, Chalk & Board	12/7/2017	---	
4	1	L1.4	Project based learning w.r.t. Software Project Management	Power point presentation, Chalk & Board	13/7/2017	--	
5	1	L1.5	Introduction to Software Project Management	Power point presentation, Chalk & Board	14/072017		
6	1	L1.6	ITPM Approach	Power point presentation, Chalk & Board	17/07/2017	1.7.1	
7	1	L1.7	Improving the likelihood of success	Power point presentation, Chalk & Board	18/07/2017	1.7.2	
8	1	L1.8	PMBOK	Power point presentation, Chalk & Board	19/07/2017	1.7.3	

9	1	L1.9	Introduction to Information Technology Project Methodology (ITPM)	Power point presentation, Chalk & Board	20/07/2017	1.7.4	
10	1	L1.10	IT Project Management Foundation	Power point presentation, Chalk & Board	21/07/2017	1.7.5	
11	2	L2.1	An IT Project Methodology	Power point presentation, Chalk & Board	24/07/2017	2.6.1	
12	2	L2.2	The Project Charter	Power point presentation, Chalk & Board	25/07/2017	2.6.2	
13	2	L2.3	Project Planning Framework	Power point presentation, Chalk & Board	26/07/2017	2.6.3	
14	2	L2.4	AON & Gantt Chart	Power point presentation, Chalk & Board	28/07/2017	2.6.4	
15	2	L2.5	PERT and PDM	Power point presentation, Chalk & Board	7/8/2017	2.6.5	
16	2	L2.6	CCPM	Power point presentation, Chalk & Board	8/8/2017	2.6.6	
17	3	L3.1	Project Scope Management Processes	Power point presentation, Chalk & Board	9/8/2017	3.8.1	
18	3	L3.2	Scope Management Plan	Power point presentation, Chalk & Board	11/8/2017	3.8.2	
19	3	L3.3	DDT	Power point presentation, Chalk & Board	14/8/2017	3.8.3	
20	3	L3.4	DSC and DFD	Power point presentation, Chalk & Board	16/8/2017	3.8.4	
21	3	L3.5	Project Scope Verification	Power point presentation, Chalk & Board	16/8/2017	3.8.5	
22	3	L3.6	Scope Change	Power point presentation, Chalk & Board	18/8/2017	3.8.6	
23	3	L3.7	Scope Control	Power point presentation, Chalk & Board	18/8/2017	3.8.7	
24	4	L4.1	Project Risk Management Processes	Power point presentation, Chalk & Board	30/8/2017	4.8.1	

25	4	L4.2	Risk Identification	Power point presentation, Chalk & Board	30/8/2017	4.8.2	
26	4	L4.3	Risk Analysis	Power point presentation, Chalk & Board	4/9/2017	4.8.3	
27	4	L4.4	Resource Loading	Power point presentation, Chalk & Board	5/9/2017	4.8.4	
28	4	L4.5	Allocating Scarce Resource to the project	Power point presentation, Chalk & Board	6/9/2017	4.8.5	
29	5	L5.1	Project Communication Planning	Power point presentation, Chalk & Board	8/9/2017	5.8.1	
30	5	L5.2	Project Metrics	Power point presentation, Chalk & Board	11/9/2017	5.8.2	
31	5	L5.3	Information Distribution	Power point presentation, Chalk & Board	12/9/2017	5.8.3	
32	5	L5.4	Introduction to Change Management	Power point presentation, Chalk & Board	13/09/2017	5.8.4	
33	5	L5.5	Nature of Change	Power point presentation, Chalk & Board	15/09/2017	5.8.5	
34	5	L5.6	Change Management Plan	Power point presentation, Chalk & Board	18/09/2017	5.8.6	
35	5	L5.7	Conflict Management	Power point presentation, Chalk & Board	19/09/2017	5.8.7	
36	5	L5.8	Approaches to Conflict	Power point presentation, Chalk & Board	20/09/2017	5.8.8	
37	5	L5.9	Case Study on Change Management Process	Power point presentation, Chalk & Board	22/09/2017	5.8.9	
38	6	L6.1	Project Procurement	Power point presentation, Chalk & Board	25/09/2017	6.8.1	
39	6	L6.2	Types of Cost	Power point presentation, Chalk & Board	26/09/2017	6.8.2	
40	6	L6.3	Outsourcing	Power point presentation, Chalk & Board	3/10/2017	6.8.3	

41	6	L6.4	Project Leadership	Power point presentation, Chalk & Board	4/10/2017	6.8.4	
42	6	L6.5	Leadership Styles	Power point presentation, Chalk & Board	4/10/2017	6.8.5	
43	6	L6.6	Ethics in Projects	Power point presentation, Chalk & Board	6/10/2017	6.8.6	
44	6	L6.7	Multicultural projects	Power point presentation, Chalk & Board	6/10/2017	6.8.7	
45	6	L6.8	Project implementation	Power point presentation, Chalk & Board	13/10/2017	6.8.8	
46	6	L6.9	Administrative Closure	Power point presentation, Chalk & Board	16/10/2017	6.8.9	
47	6	L6.10	Project Sponsor	Power point presentation, Chalk & Board	17/10/2017	6.8.10	
48	6	L6.11	Final Meeting and Presentation	Power point presentation, Chalk & Board	17/10/2017	6.8.11	
49	6	L6.12	Closing the project	Power point presentation, Chalk & Board	18/10/2017	6.8.12	
50	6	L6.13	Doubt solving session	18/10/2017			
Remark:: Course: BE IT		Syllabus Coverage:		Practice Session: L6.5		Beyond Syllabus: Case Study on Change Management	
No. of (lectures planned)/(lecture taken):50							
<b>Advanced course: Project management for managers</b>		20 Hours	Online NPTEL videos with Hands on Training in Laboratory		Web sources: 1. NPTEL- <a href="https://onlinecourses.nptel.ac.in">https://onlinecourses.nptel.ac.in</a>		

Text Books:

- 1.1 "Information Technology Project Management", Jack T. Marchewka, 3rd edition, Wiley India, 2009.

Reference Books:

- 2.1 S. J. Mantel, J. R. Meredith and etl., "Project Management" 1st edition, Wiley India,
- 2.2 John M. Nicholas, "Project Management for Business and Technology", 2nd edition, Pearson Education.

Digital Reference:

- 3.1 NPTEL-<https://onlinecourses.nptel.ac.in>

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**Mr. Aaditya Desai**  
Name & Signature of Faculty

**Dr. Rajesh S. Bansode**  
Signature of HOD

Signature of Principal/Dean(Academics)

Date:

Date:

Date:

**Note:**

1. Plan date and completion date should be in compliance
2. Courses are required to be taught with emphasis on resource book, course file, text books, reference books, digital references etc.
3. Planning is to be done for 15 weeks where 1<sup>st</sup> week will be AOP, 2<sup>nd</sup> -13<sup>th</sup> for effective teaching and 14<sup>th</sup> -15<sup>th</sup> week for effective university examination oriented teaching, mock practice session and semester consolidation.
4. According to university syllabus where lecture of 4 hrs/per week is mentioned minimum 55 hrs and in case of 3 lectures per week minimum 45 lectures are to be engaged are required to be engaged during the semester and therefore accordingly semester planning for delivery of theory lectures shall be planned.
5. In order to improve score in NBA, faculty members are also required to focus course teaching beyond university prescribed syllabus and measuring the outcomes w.r.t learning course and programme objectives.
6. Text books and reference books are available in syllabus. Here only additional references w.r.t. non –digital/digital sources can be written (if applicable)
7. Technology to be used in class room during lecture shall be written below the topic planned within the bracket.