Semester Plan

TCET/FRM/IP-02/09   (Theory)   Revision: A

Semester: VII   Course: IT

Subject: ITC- 701: Software Project Management   Class: BE IT -A

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-Practical	Power point presentation, Chalk & Board, Video	11/7/2017	--	
2	--	L1.2	SOP-OBE	Chalk & Board, Video	12/7/2017	--	
3	Module 1	L2.1	ITPM	Power point presentation, Chalk & Board	17/7/17	1.7.1	
4	Module 1	L2.2	Business case	Power point presentation, Chalk & Board	18/7/17	1.7.2	
5	Module 1	L2.3	Business case	Power point presentation, Chalk & Board	21/7/17	1.7.2	
6	Module 1	L3.1	Project selection & approval	Power point presentation, Chalk & Board	25/7/17	1.7.3	
7	Module 1	L3.2	IT governance & PMO	Power point presentation, Chalk & Board	28/7/17	1.7.4	
8	Module 2	L4.1	Developing project schedule	Power point presentation, Chalk & Board	1/8/2017	2.6.1	
9	Module 2	L4.2	AON & PERT	Power point presentation, Chalk & Board	4/8/2017	2.6.2	
10	Module 2	L5.1	CPM & PDM	Power point presentation, Chalk & Board	8/8/2017	2.6.5	
11	Module 2	L5.2	Calculation of SS,SF,LS & LF	Power point presentation, Chalk & Board	11/8/2017	2.6.6	

12	Module 2	L6.1	Resource loading	Power point presentation, Chalk & Board	18/8/17	2.6.7	
13	Module 2	L8.1	Resource levelling	Power point presentation, Chalk & Board	1/9/2017	2.6.8	
14	Module 2	L9.1	Goldratt's critical chain	Power point presentation, Chalk & Board	5/9/2017	2.6.9	
15	Module 2	L9.2	Allocating scarce resources to projects	Power point presentation, Chalk & Board	8/9/2017	2.6.9	
16	Module 3	L10.1	Organization & project planning: Formal organization	Power point presentation, Chalk & Board	12/9/2017	3.8.3	
17	Module 3	L10.2	Informal organization	Power point presentation, Chalk & Board	15/9/17	3.8.3	
18	Module 3	L11.1	Project team	Power point presentation, Chalk & Board	19/9/17	3.8.4	
19	Module 3	L11.2	Project environment	Power point presentation, Chalk & Board	22/9/17	3.8.5	
20	Module 3	L12.1	Introduction to change, Nature of change	Power point presentation, Chalk & Board	26/9/17	3.8.6	
21	Module 3	L12.2	Change management plan	Power point presentation, Chalk & Board	29/9/17	3.8.7	
22	Module 3	L13.1	Dealing with resistance & conflicts	Power point presentation, Chalk & Board	3/10/2017	3.8.8	
23	Module 4	L13.2	Basic concepts of risk, Risk Identification framework,Risk management plan	Power point presentation, Chalk & Board	6/10/2017	4.8.1,4.8.2	
24	Module 4	L13.3	Risk analysis & assessment	Power point presentation, Chalk & Board	7/10/2017	4.8.3	
25	Module 4	L13.4	Risk Strategies	Power point presentation, Chalk & Board	7/10/2017	4.8.4	

Remark: Course:		Syllabus Coverage:		Practice Session: 2		**Content Beyond Syllabus:** Study of various software project management tools

No. of (lectures planned)/(lecture taken): 25

Advanced course: Project management for managers	20 Hours	Online NPTEL videos with Hands on Training in Laboratory	**Web sources:** 1. NPTEL-https://onlinecourses.nptel.ac.in **Textbook reference:** Information Technology Project Management", Jack T. Marchewka, 3rd edition, Wiley India, 2009.

Text Book:
    1.1 "Information Technology Project Management", Jack T. Marchewka, 3rd edition, Wiley

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

Ms. Neha Kapadia

Name & Signature of Faculty   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 1st week will be AOP, 2nd -13th for effective teaching and 14th -15th 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.