

## Lesson Plan

Name of Faculty : Er. Harpreet Kaur, AP CSE

Discipline : CSE

Semester : 7th

Subject : Software project management

Work Load (Lecture/Practical) per week (in hours): Lectures 03 hours

Theory		Topic Covered Date and Remarks		
Lecture Day	Topic(Including Assignment/Test)	Date	HOD	Director-principal
1	Introduction to SPM			
2	Definition of Software project and Software project vs other project			
3	Activities covered by SPM			
4	Categorizing software project			
5	Project as a system			
6	Management control			
7	Requirement specifications			
8	Information and control in organization			
9	Project management lifecycle			
10	Stepwise project management			
11	Introduction and selecting project			
12	Identifying project scope and objectives			
13	Identifying project infrastructure			
14	Analysis project characteristics			
15	Identifying the project product and activities			
16	Efforts for each activity and identify activity risk			
17	Allocate resources			
18	Review/publicize/plan			
19	Cost benefits analysis			
20	Cash flow forecasting			
21	Cost benefits evaluation tech			
22	Selection of an appropriate project			
23	Choosing technologies			
24	Choice of process model			
25	Rapid application development			
26	Waterfall model vs process model and spiral model			
27	Albrecht function point analysis			
	-----1st Minor Test-----			
28	Objective of activity planning			
29	Project schedule			
30	Project and activities, sequence and scheduling activities			
31	Network planning model			
32	Risk management introduction, the nature of risk			
33	Managing risk			
34	Risk identification and risk analysis			
35	Reducing the risk and evaluate risk to schedule			
36	Resource allocation introduction and nature of resources			
37	Identifying resource requirements			
38	Scheduling resources and creating critical path			
39	Introduction to type of contract			
40	Stages in control placement and terms of contract			
41	Contract management, acceptance and managing people			
42	Introduction and understand organization behavior background			
	----- 2nd Minor test-----			
43	Inst. In best methods and motivation working in group			
44	Becoming a team, decision making leadership			
45	Software quality: McCall's software quality factors, techniques to enhance software quality.			