

**Department of Information Technology**  
**Lesson Plan**  
**Software Project Management (PE-IT-D409A)**  
**Faculty Name :Neha Bhatia**  
**Class : B.Tech. 7th Sem. (Sep to Dec 2021)**

Lecture No.	Topic Name
L1	<b>Unit-1 Conventional Software Management</b> : Introduction
L2	Evolution of software economics
L3	Improving software economics: Reducing product size
L4	Improving software economics: Software processes
L5	Improving software economics: Team effectiveness
L6	Improving software economics: Automation
L7	Improving software economics: Software environments
L8	Principles of modern software management
L9	<b>Software Management Process: Framework</b>
L10	Life cycle phases- inception, elaboration
L11	Life cycle phases- construction and training phase
L12	Artifacts of the process- The artifact sets
L13	Artifacts of the process- Management artifacts
L14	Artifacts of the process- Engineering artifacts
L15	Artifacts of the process- Pragmatic artifacts
L16	Model based software architectures
L17	Workflows of the process
L18	Checkpoints of the process
L19	<b>Unit 3: Software Management Disciplines:</b> Iterative process planning
L20	Project organizations and responsibilities
L21	Process automation
L22	Project control
L23	Process instrumentation
L24	Core metrics
L25	Management indicators
L26	Life cycle expectations
L27	Process discriminates
L28	<b>Unit-4: Project Management And Control:</b> Framework for Management and control
L29	Collection of data project termination
L30	Visualizing progress
L31	Cost monitoring
L32	Earned Value Analysis
L33	Project tracking
L34	Change control
L35	Software Configuration Management
L36	Managing contracts: Contract Management

L37	Revision / Old University Papers Discussions
L38	Revision / Old University Papers Discussions
L39	Revision / Old University Papers Discussions
L40	Revision / Old University Papers Discussions