



## INDEX

### Software Engineering

Name: \_\_\_\_\_ Enrollment number: \_\_\_\_\_

Sr. no	Date	Title	Page no	Grade	Signature
1		Study of Software Development Life Cycle (SDLC) & analyzing various activities Conducted at various phases.			
2		Compare and Contrast all the process model in tabular view			
3		Decide Software Process Model for your own project. Brief about process model and justify selection of process model for your project			
4		Select project of your choice and construct Software Requirement Specification document.			
5		Construct Software Project Management Plan (SPMP) document for your project. Decide effort estimation for the same.			
6		Perform modeling for your project. Draw Data Flow Diagram (DFD) using function- oriented approach.			
7		Prepare UML modeling using object-oriented approach. (Use Case, Class Diagram and Activity Diagram (using swimlane).			
8		Understand COCOMO Model with suitable example. Also decide cost estimation for your project.			
9		Understand Function Point. Analyze the case study. Identify error and solve it.			
10		Understand Cyclometric Complexity for coding. Analyze the case study.			



**DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY**

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11		Study of Open Source Software/Learning for implementation of project.			
12		Develop test-case scenarios for your project.			
13		Study various tools for testing (win runner, load runner).			