

Teaching Plan

Dept. Of Computer Science

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Discipline : **Computer Science (Hons.)**
Semester : **Fourth**
Paper Code : **CC9P**
Subject : **Software Engineering**
Name of faculty : **Sandipan Maity**

S1 No	Topics	No. of Lectures	Duration in Hour
1	➤ Problem Statement, ➤ Process Model	2	4
2	Requirement Analysis: ➤ Creating a Data Flow ➤ Data Dictionary, Use Cases	2	4
3	Project Management: ➤ Computing FP ➤ Effort ➤ Schedule, Risk Table, Timeline chart	2	4
4	Design Engineering: ➤ Architectural Design ➤ Data Design, Component Level Design	2	4
5	Testing: ➤ Basis Path Testing	2	4

Reference Books:

1. R.S. Pressman, Software Engineering: A Practitioner's Approach (7th Edition), McGraw Hill, 2009.
2. P. Jalote, An Integrated Approach to Software Engineering (2nd Edition), Narosa Publishing House, 2003.