



Chhotubhai Gopalbhai Patel Institute of Technology
Department of Computer Engineering and
Artificial Intelligence & Data Science
Lab Planning

Program and Branch: B. Tech. CE	Academic Year: 2021-22
Semester: 6 th	Subject Name: Software Engineering (CE5007)

Sr. No.	Topics	Contact Hours
1	To select the project title and assign requirement engineering to the project title.	1
2	To perform the system analysis: Requirement analysis, SRS.	1
3	To perform the function oriented diagram: DFD.	2
4	To perform the user's view analysis: Use case diagram.	1
5	To draw the structural view diagram : Class diagram	1
6	To draw the behavioural view diagram : Sequence diagram, Activity diagram	2
CIE-I		2
7	Implementation of the project	8
CIE-II		2
8	To study various testing tools	2
9	To design test cases and to apply them using various testing tools	4
10	To study cost estimation and preparation of timeline chart	2
CIE-III		2

Total contact hours	30
Name & Signature of Subject Teacher(s):	Dr. Rachna Patel Mr. Ankit Kharwar
Name & Signature of Subject In-Charge:	Dr. Rachna Patel
Name & Signature of Head of Department:	Dr. Devendra Thakor