

UML LAB

(Skill Based Lab Elective-I)

Course Code : 15IT11S1	L	T	P	C
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Pre-requisites:

Object Oriented Analysis and Design

Course Outcomes:

At the end of the Course, the Student will be able to:

- CO 1** Analyzedifferent views and create use case view of an application.
- CO 2** Create class and object diagrams in UML.
- CO 3** Develop interaction, use case, activity diagrams.
- CO 4** Design component and deployment diagrams.
- CO 5** Design a model.

LIST OF PROGRAMS:

1. Draw a model for Airport management system in different views i.e. Use case view, logical view, component view, Deployment view, Database design, forward and Reverse Engineering, and Generation of documentation of the project.
2. Draw a model for E-commerce sites in different views i.e Use case view, logical view, component view, Deployment view, Database design, forward and Reverse Engineering, and Generation of documentation of the project.
3. Draw a model for online ticket reservation system in different views i.e Use case view, logical view, component view, Deployment view, Database design, forward and Reverse Engineering, and Generation of documentation of the project.

TEXT BOOK:

Grady Booch, James Rumbaugh, Ivar Jacobson: “The Unified Modeling Language User Guide”, 2nd Edition, Pearson Education, 2007.

REFERENCE:

Meilir Page-Jones: “Fundamentals of Object Oriented Design in UML”, 1st Edition, Pearson Education, 2006.