

**Software Conceptual Design**  
**Dr. Sridhar Iyer**  
**Dr. Prajish Prasad**  
**Dr. T. G. Lakshmi**  
**Department of Computer Science and Engineering**  
**Indian Institute of Technology, Bombay**

**Lecture - 14**  
**Week 3: Comprehending and Evaluating Software Designs**

Last week, we saw how to create a software conceptual design using the Function Behavior Structure framework. This week, we will be looking at another software design representation called UML or the Unified Modelling Language. You will learn different types of UML diagrams and how they can be used to create detailed designs.

You will also be interacting with the learning environment called VeriSIM, which will help you develop an integrated understanding of different UML diagrams. Finally, we will be looking at how you can evaluate a given design by considering several quality attributes.