

## **Week 1 and 2:**

### **Algorithms- an Overview:**

- Introduction to algorithms
- Role of Algorithms in Computing
- Fundamentals of Algorithmic Problem Solving

### **Fundamentals of Analysis of Algorithms Efficiency**

- Analysis Framework
- Measuring an Input Size
- Unit of Measuring Runtime

#### **Cormen:**

**Chapter no 1 (1.1 and 1.2)**

**Assignment Questions: 1.2-2, 1.2-3, 1-1**

#### **A. Leviton:**

**Chapter no 1 (1.1 and 1.2) Reading 1.3 and 1.4 (for your interest)**

**Chapter no 2 (2.1 till pg 45)**