

### **XCS501 – Formal Language and Automata Theory**

Fair Note – All UNIT

Assignment 1 – Problems 1,2,3 (UNIT 1,2)

Assignment 2 – CIA 1 Question Paper

Assignment 3 – Problems 1,2,3,4 (UNIT 3,4)

Assignment 4 – CIA 2 Question Paper

### **XCS502 – Database Management System**

Fair Note – All UNIT

Assignment 1 – Relational Algebra and Calculus

Assignment 2 – Functional Dependency and Normalization

Assignment 3 – File Organization **(or)** Indexing and Hashing

Assignment 4 – Transaction Processing **(or)** Types of Locks, Two Phase Locking

Case Study 1 – XML with Coding (Printout)

Case Study 2 – Spatial Database (Printout)

Seminar – PPT (Printout) any topic in Syllabus

### **XCS503 – Software Engineering**

Fair Note – All UNIT

Seminar – PPT (Printout)

### **XCS504 – Computer Networks**

Fair Note – All UNIT

Assignment 1 – 5 Questions

Assignment 2 – ? (Give Later)

### **XCS505 – Human Computer Interaction**

Assignment 1 – Latest Technology on HCI

Assignment 2 – Application of IOT in HCI

Seminar – Any Topic

**XEEOE2 – Energy Management And Auditing**

Fair Note - All UNIT

Assignment 1 – Unit 1

Assignment 2 – Unit 2 (2 Questions in CIA 1 – 17A &17B)

Open Book Test – Unit 5 (5.1 – Economic Analysis)

**XCS507 – Database Management System Laboratory**

Observation

Record

Mini Project (Topic 4) - viva

**XCS508 – Software Engineering Laboratory**

Observation

Record

Mini Project (Documentation)

**XMAOE1 – Maths for Competitive Exams 1**

Fair Note – All UNIT

Assignment 1 – Unit 4 (8 Sums)

MCQ Test

Assignment 2 – Unit 5 (10 Sums)

**XCS509 – In Plant Training – II (09-11-24)**

IPT Book with Company Signature

Certificate

Viva - Voce