

Core Course – XXII – DATA MINING AND WAREHOUSING

UNIT-I

Introduction to data mining – Association Rule Mining.

UNIT-II

Classification – Cluster analysis.

UNIT-III

Web Data Mining – Search engines.

UNIT-IV

Data warehousing – Algorithms & operations to create data warehouse – Designing data warehouse- Applications of data warehouse.

UNIT-V

Online analytical processing – Information Privacy.

TEXT BOOK:

1. G.K.Gupta, Introduction to Data mining with case studies ,Prentice Hall India , 2006 (ISBN 81-203-3053-6) [Unit-1 :(Chapters 1,2); Unit-2 : (Chapters 3, 4); Unit-3(Chapters 5,6); Unit-4 (Chapters 7), Unit-5 (Chapters 8, 9)].

REFERENCE BOOK:

1. K.P.Soman & Shyam Diwakar and V. Ajay, Insight to Data Mining Theory and Practice, Prentice Hall of India, 2006. (ISBN -81-203- 2897-3)
2. Jiawei Han and Micheline Kamber, Data Mining Concepts and Techniques, Elsevier, Second Edition, 2007 (ISBN: 81-312-0535-5)