

# MCS 221 Syllabus

## **Block 1 – Data Warehouse Fundamentals and Architecture**

Unit 1 – Fundamentals of Data Warehouse

Unit 2 – Data Warehouse Architecture

Unit 3 – Dimensional Modeling

## **Block 2 – ETL, OLAP and Trends**

Unit 1 – Extract, Transform and Loading

Unit 2 – Introduction to Online Analytical  
Processing

Unit 3 – Trends in Data Warehouse

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Question Papers**

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## **Block 3 – Data Mining Fundamentals and Frequent Pattern Mining**

Unit 1 – Data Mining – An Introduction

Unit 2 – Data Preprocessing

Unit 3 – Mining Frequent Patterns and Associations

## **Block 4 – Classification, Clustering and Web Mining**

Unit 1 – Classification

Unit 2 – Clustering

Unit 3 – Text and Web Mining

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