UNIT I  CONCEPTS AND ARCHITECTURE

UNIT II  GRID MONITORING
Grid Monitoring Architecture (GMA) - An Overview of Grid Monitoring Systems- R-GMA-GridICE – MDS- Service Level Agreements (SLAs) - Other Monitoring Systems-Ganglia, GridMon, Hawkeye and Network Weather Service.

UNIT III  GRID SECURITY AND RESOURCE MANAGEMENT

UNIT IV  DATA MANAGEMENT AND GRID PORTALS

UNIT V  GRID MIDDLEWARE
List of globally available Middlewares - Case Studies-Recent version of Globus Toolkit and gLite - Architecture, Components and Features. Features of Next generation grid.

REFERENCES
5. Srikumar Venugopal, Krishna Nadiminti, Hussein Gibbins and Rajkumar Buyya,