

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. Computer Engineering (IT Systems and Network Security)

Semester: I

Subject Name: **Network & Web Programming (Practical)**

Subject Code: **715110**

Course Content:

Network Programming,URL,Inet Address, Socket, and ServerSocket, DatagramPocket ,DatagramSocket, Remote Method Invocation, The Remote interface, The UnicastRemoteObject and Naming classes, rmiregistry, Distributed Multi-tiered Applications, Packaging, Deployment tools,Web application life cycle, Deploying web applications, Web Services Support, Database Access Methods, architecture, Driver Manager,Driver,Connection, Statement, Result Set, Writing database applications, Dynamic Content Generation, The Servlet interface, The HttpServlet, HttpServletRequest, HttpServletResponse classes, Exception Handling,Separating UI from Content generation code, MVC architecture ,Scope, Session Tracking

Text Book:

1. Beginning Java networking, Chád Darby

Reference Book:

1. An introduction to network programming with Java, Jan Graba