

## **Practical**

**BMS: 307**

### **Module: Information & Computer Technology**

- Data Communication – Components, Data Representation, Data Flow Direction
- Signals – Analog & Digital; Bandwidth, Distortion, Throughput
- Transmission Media – Twisted Pair Cable, Coaxial Cable, Fibre Optic cable, Wireless Media, satellite
- Networks – Need for Computer Network; distributed processing; Physical Topology;
- Categories of Network; OSI Model
- The Internet – Brief History; Internet Model; Website; Domain name registration;
- domain server; HTML; Cyber Crime & Cyber Law
- Future of ICT

#### **Suggested Book List:**

- Data Communication & Computer Networks – Farouzen, TMH
- Computer Networks – Tannenbaum, Pearson Education