

# **VEER NARMAD SOUTH GUJARAT UNIVERSITY**

## **P.G.Diploma in Public Systems Management**

### **Semester III**

#### **Paper 7**

#### **Advanced Course in Computer Applications:**

1. Computer Based Systems Architecture – Introduction to Client/Server systems, Distributed Systems, Parallel Processing, Centralized systems.
2. DBMS concepts – Basic terms and terminologies . Basic Issues in Database Design - Database integrity and security.
3. Security – Security aspects, Network security, encryption, digital signatures, firewalls.
4. Application of computers in various areas – Hospital, Banking, Police etc.

#### Selected Readings:

1. Korth, Henry F., Database System Concepts, Tata Mcgraw Hill, New Delhi.
  2. Kaufman, Charlie., Network Security (2<sup>nd</sup> Edn), PHI (EEE).
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