

EC – V.1 INFORMATION MANAGEMENT

UNIT – I

Information and related notions - Information content - Information entropy - generalized notion of the amount of entropy.

UNIT – II

The nature of information - Role of images - Image formation by individuals and groups - Image through communication data - Structure of information.

UNIT – III

The information transfer network - Transactions - Configuration and characteristics of transactions - Information system and its overall structure.

UNIT – IV

Software for Informatics: Bibliographic and subject specific - Hardware for Informatics : recognizers, compressions, modular design.

UNIT – V

Programming Style: Structured programming concepts - Modular design - System analysis and design: Software life cycle, waterfall model.

References Books

1. D. Soergel, Organizing Information – Principles of databases and retrieval Systems, Academic press, 2000.
2. Charles T.Meadow, Bert R.Boyce and Donald H.Kraft, Text Information Retrieval Systems, Academic Press, 2000.