

**SEMESTER-III (Pool-B)**

**COURSE NAME : Decision Support Systems**

**(CHOI-B10)**

**Number of Credit: - 02**

**Maximum marks: 50**

**Decision Support Systems**

**UNIT-I**

Managerial decision making and information systems - framework and concept for decision support, Decision making - introduction – definition - systems and models.

**UNIT-II**

Phases of decision making process and Decision Styles.

**UNIT-III**

Characteristics and capabilities of DSS, DSS components, Modeling and issues.

**UNIT-IV**

Traditional and alternative development methodologies, DSS Technology Levels and Tools.

**UNIT-V**

Development Platforms – Tool Selection, A case study.

**Books:**

1. Efraim Turban, Jay E Aronson, Ting Peng Liang, Decision Support and Intelligent Systems, Prentice Hall of India, 7th Edition 2005.
2. Elaine Rich and Kevin Knight, Artificial intelligence, TMH, 2006.

3. Efraim Turban, Ramesh Sharda, Dursun Delen, Decision support and Business Intelligence systems, Pearson Education, 9th Edition, 2011.