MCC: 306 MANAGEMENT INFORMATION SYSTEMS

Module-I   **(12 hours)**

Fundamentals of Information Systems, Systems approach to problem solving, Developing information system solutions. Information system components, Information quality, Data resource management, Database, Data models, Information Systems in marketing, manufacturing, HRM, Accounting and Finance.

Module-II   **(12 hours)**

Information analysis and design tools : Decision tools, Decision Table, Structured Analysis, Dataflow Analysis, Tools for dataflow strategy, Developing dataflow diagrams, Leveling, Data dictionary, Structured flow chart, HIPO, Warnier/ORR diagram

Module-III   **(12 hours)**

Planning & implementation of Information Systems, Transaction Processing Systems, Executive information Systems, Decision Support Systems, Expert Systems, Knowledge Management. Computer crime, Security (Goals, risks, controls, security & recovery measures of IS, economics of information security) & ethical challenges.

Text Books:

1. James A. **O'Brien**, George M. **Marakas, "***Management Information Systems***",** Eighth Edition, 2008, McGraw-Hill Education (India), New Delhi.
2. Kenneth C. **Laudon**, Jane P. **Laudon**, "*Management Information Systems***,** Tenth Edition, Pearson Education Inc., New Delhi.

Reference Books:

1. Kenneth E. Kendall, Julie E. Kendall "*System Analysis and design*", PHI Learning Pvt. Ltd., New Delhi.
2. James A. Senn "*Analysis & Design of Information Systems*", McGraw-Hill Education, New Delhi
3. Effy Oz, "*Management Information Systems*", Sixth Edition, 2009, CENGAGE Learning India Pvt. Ltd., New Delhi.
4. Robert G. **Murdick**, Joel E. **Ross**, James R. Claggett, "*Information Systems for Modern Management*", Third Edition, PHI Learning Pvt. Ltd., New Delhi.
5. Stephen **Haag**, Maeve **Cummings**, Amy **Philips**, "*Management Information Systems*", Sixth Edition, 2007, McGraw-Hill Education (India), New Delhi.
6. Gordon B. **Davis**, Margarethe H. **Olson**, "*Management Information Systems*", Second Edition, 1985, McGraw-Hill Education (India), New Delhi.
7. Mahadeo **Jaiswal**, Monika **Mital**, "*Management Information Systems*", First Edition, 2004, Oxford University Press, New Delhi.