

## CM653: Management Information Systems

| Teaching Scheme |   |   | Credits | Marks Distribution |    |                 |    | Total Marks |
|-----------------|---|---|---------|--------------------|----|-----------------|----|-------------|
| L               | T | P |         | Theory Marks       |    | Practical Marks |    |             |
|                 |   |   |         | ESE                | CE | ESE             | CE |             |
| 3               | 2 | 0 | 5       | 70                 | 30 | 30              | 20 | 150         |

### Course Content:

| Sr. No. | Topics   | Teaching Hrs. |
|---------|--|---------------|
| 1       | <p><b><u>Management:</u></b></p> <p>Definition, functions, levels, role of different levels of management in planning, decision making and control.</p>  | 02            |
| 2       | <p><b><u>Information:</u></b></p> <p>Definition, Attributes and Value of information, Types of decision and value of information, Age of information.</p>  | 08            |
| 3       | <p><b><u>System:</u></b></p> <p>Definition, Description, Types of systems, Decoupling and Control of Systems, Stress in systems.</p>   | 08            |
| 4       | <p><b><u>MIS:</u></b></p> <p>Definition, Characteristics, Problems, Classification.</p>  | 08            |
| 5       | <p><b><u>Computer hardware and software for MIS, Database, DBMS. MIS in practice:</u></b></p> <p>Transaction processing systems, Information reporting systems, Decision support systems, Expert systems and Office automatic systems.</p> | 08            |

6 **Project Planning, Analysis and Design of MIS:**

08

MIS as system, Software development life cycles, Feasibility study, Requirement analysis, Data flow diagram and data dictionary, Process description. Software requirement specifications, Systems design, Structures Charts, Input-output design Development - testing, implementation and maintenance of MIS.

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**Total Hrs. 42**

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**Reference Books:**

1. Kanter J., “*Management Information Systems*” Prentice Hall of India.
2. V. Rajaraman, “*Analysis and Design of Information Systems*”, Prentice Hall of India.
3. S.C. Bhatnagar and K.V. Ramani, “*Computers and Information Management*”, Prentice Hall of India.
4. Mardick R.G. and Others, “*Information Systems for Modern Management*”, Prentice Hall of India.
5. Gordan Davis B., “*Management Information Systems, conceptually foundation, Structure and Development*”, McGraw Hill Book Company, International Edition, 1989.
6. Arora Asok and Bhatia Akshaya, “*Information Systems for managers*”, Excel Books, New Delhi, 1999.
7. Sadgopan S., “*Management Information Systems*”, Prentice Hall India Ltd., New Delhi, 1998.