

Lecture Plan of ME1874 MIS & ERP

Unit - I

- Management Information System (MIS)
Introduction, Definition — Lect - (01)
- MIS Objectives & benefits — Lect - (02)
- MIS as strategic tools, obstacles
& challenges of MIS — Lect (03)
- Functional & Cross functional
systems, hierarchical view of CBIS — Lect (04)
- Structured & Unstructured
decisions — Lect - (05)
- Operation & Mgmt. Support —
Decision process & MIS — Lect - (06)
- Infosystem Components and
activities — Lect - (07)
- Value Chain & MIS support
— Lect - (08)

Unit-II

- System Concepts : types, definition characteristics _____ Lect (09)
- Feedback (Pull) & Feed forward (Push) _{control} Lect (10)
- System stress and entropy — Lect (11)
- Law of Requisite Variety — Lect (12)
- Open and flexible (Adaptive System) Lect (13)
- Work system model and Comparison with input/output process model — Lect (14)
- Five view of work system : structure, performance infrastructure - Lect (15)
- Context and risk and their effect on product performance. - Lect (16)

Unit-III

- Planning and Control Concepts: terminologies, difficulties in planning — Lect (17)

- System analysis and development plan purpose and participants — Lect — (18)
- Info planning, System development life cycle for (SDLC) for in-house and licensed s/w — Lect — (19)
- System investigation, analysis of need — Lect — (20)
- Design and implementation phases — Lect — (21)
- Implementation phases — Lect — (22)
- Training of operational, personnel, evaluation. — Lect. — (23)
- Control and Maintenance of information system — Lect — (24)

Unit - IV

- E-Business components and interrelationship — Lect — (25)
- Supply Chain Management (SCM) — Lect — (26)

- Customer Relationship Management
— Lect — (27)
- Business Process Re-engineering (BPR)
— Lect — (28)
- Significance & functions of BPR
— Lect — (29)
- Information Technology and computer
NW support to MIS — Lect — (30)
- Evolution & significance of ERP
— Lect — (31)
- Characteristics of ERP — Lect — (32)
- Benefits & Limitations of ERP
— Lect — (33)
- Modules of ERP — Lect — (34)

Unit-V

- ERP implementation methods
— Lect — (35)
- ERP implementation: role of
Consultants, Vendors & users — (36)

— ERP Implementation strategies
— Lect — (37)

— Critical Success factors of ERP
implementation — Lect — (38)

— Problems of ERP implementation
— Lect — (39)

— Guidelines, Post implementation
processes of ERP — Lect — (40)

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