

**COURSE CODE:**  
**COURSE TITLE:**  
**CREDITS**

**IGIT– 503-DSE1**  
**Management Information System**  
**4 + 2 =06**

**Unit I**

Definition and Concept of System, Abstract and Physical Systems, Deterministic and probabilistic system, Open and Closed system. Types of System (Decision Support System, Executive Support System, Office Automation System, Business Expert System, Functional Information System), Management Information System Concept, Importance, nature and scope of MIS, Structure and Classification of MIS, Advantages of MIS

**Unit II**

Decision Support System-Definition and Characteristics,Decision Making,Types of Decisions,Simons Model,Classification of DSS,Characteristics of DSS,DSS and MIS

**Unit III**

ERP systems-introduction and concept,Extending ERP capabilities,ERP and ADC tools,Implementing ERP,Benefits of ERP

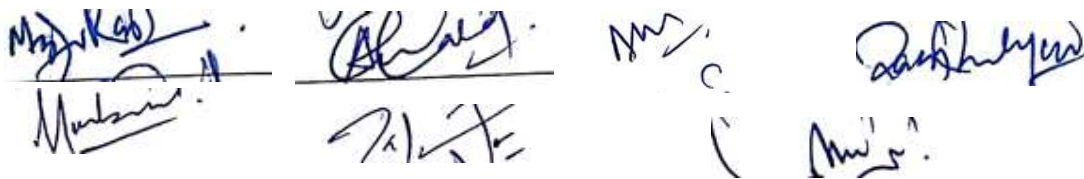
Introduction of Expert Systems; Expert system in Management; Case study of Expert System; Introduction to GIs; MIS based on GIS

**Unit IV**

Information System Planning, Planning Process, Technology based approach, Nolans stage model, Information Resource Management(IRM),(IRM3),Hardware acquisition, Hardware maintenance, Software acquisition,IS as an enabler.Evaluation and Maintenance of Information system.Information system security and control

**Recommended Books**

1. S. Sadagopan– Management Information Systems - PHI Learning Pvt. Ltd.
2. Raymond Mcleod – Management Information Systems – Pearson Education
3. Lawrence Orilia- Introduction to Business data processing- McGraw-Hill Companies
4. Mike Murach - Business Data processing- Sra



The image shows four handwritten signatures in blue ink, arranged horizontally. From left to right: the first signature is 'M. S. Sadagopan', the second is 'Raymond Mcleod', the third is 'Lawrence Orilia', and the fourth is 'Mike Murach'. Each signature is written in a cursive, flowing style.