

Course Profile - Department of Information Technologies

Course Number : IT 321	Course Title : Management Information Systems
Required / Elective : Required	Pre / Co-requisites : None
Catalog Description: Information systems and the organization. Importance of timely, accurate and relevant information for decision making. Levels of management and information needs. Integration and coordination of individual business information systems.	Textbook / Required Material : Management Information Systems: Managing the Digital Firm Laudon & Laudon, Prentice Hall, 10 th Ed. ISBN-13: 9780132337748
Course Structure / Schedule : (3+0+0) 3 / 8 ECTS	
<p>Extended Description :</p> <p>Information systems and the organization. Importance of timely, accurate and relevant information for decision making. Levels of management and information needs. Integration and coordination of individual business information systems.</p> <p>The course aims to introduce concepts and approaches related to Management Information Systems and demonstrates how they are assessed and used in business.</p>	
Design content : None	Computer usage: office tools
<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. Understand differences between data, information, and knowledge [2, 3] 2. Understand IS from functional, constituency and integration perspectives [3,4] 3. Analyze and apply the logical links between IT, Management and operational elements [3, 4, 5] 4. Evaluate how IT can be used to achieve and sustain competitive advantage [2,3] 5. the use of MIS for business processes and organizational resources [2,3] 6. Understand business intelligence concepts and methods [2] 7. Analyze the operational, managerial, and strategic processes associated with MIS management [5, 6, 7] 8. organizational MIS architectures and enterprise systems applications [8]. 	

Program Outcomes for Management Information Systems Program:

1. A foundation in mathematics and basic sciences and ability to apply acquired knowledge as they relate to the study and practice of information systems management.
2. An ability to align information technology, organizational and strategic matters.
3. An ability to propose, analyze, design, develop, test and maintain an information technology system including software solutions, security model, computer and network infrastructure, etc. to solve information systems problems.
4. An ability to analyze local and global impact of computing on individuals, organizations and society; and the ability to apply information systems techniques, skills, and tools for regular computing practices as well as to improve effectiveness of current methodologies.
5. An ability to effectively communicate in oral and written media with all kinds of related audiences; and prepare documentation for this purpose as required.
6. An understanding of professional, ethical, legal, and social issues and responsibilities of information systems management profession.
7. A taste and breadth of knowledge across several social topics outside the immediate requirements of the information systems management profession, and the ability to work within heterogeneous teams to accomplish a common goal including people from the information systems area as well as other disciplines.
8. An ability to engage in life-long learning and professional development for personal improvement to follow contemporary information systems issues.

Teaching methods

Pre-readings, lecture and workshops, small projects, individual exercises

Assessment methods

5 quizzes	40 (8 each)
2 Assignments	20% (10 each)
1 Final	40%.

Student workload:

Preparatory reading	70 hrs
Lectures, workshop, discussions	50 hrs
Assignments	50 hrs
Quizzes	20 hrs
Final Exam	10 hrs

TOTAL 200 hrs

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