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| **Course Code** | CSU5303 | | | | | | |
| **Level** | 5 | | | | | | |
| **Course Title** | Management Information Systems | | | | | | |
| **Credit value** | 3 credits | | | | | | |
| **Core/Optional** | Optional | | | | | | |
| **Prerequisites** | (EL/CR in 6 credits from L4 Computer Science courses)  (CSU5304)+(CSU5305) (EL/CR ) and EL/CR in 6 credits from L4 Computer Science courses | | | | | | |
| **Hourly breakdown** | **Theory** | | **Practical**  **hours** | **Independent Learning** | | **Assessments** | **Total hrs.** |
| 25 Sessions X 2 = **50 hrs.** | 7 DS x 3 hrs. = **21 hrs.** | **-** | * Sessions (25 x 3)   = 75 hrs.   * Online = 5hrs.   Total = **80 hrs.** | | * Continuous Assessments (CA) : **02 hrs.** | **153 hrs.** |
| **Course Aim/s.** | To provide effective methods to deliver management information systems to gain the advantages of them for the business. | | | | | | |
| **PLOs addressed by course** | **PLO1: Knowledge:** Explain the fundamental, principles and broader knowledge pertaining to the chosen science disciplines offered for the degree.  **PLO5: Creativity and Problem Solving:** Identify and analyze problems using quantitative and/or qualitative approaches using scientific methodology to provide valid conclusions.  **PLO8**: **Vision for Life:** Develop the capacity to project for future through identifying self-directed goals and continuously targeting towards them for self-improvement by undertaking further studies. | | | | | | |
| **Course Learning Outcomes (CLO)** | At the completion of this course student will be able to;  CLO1: Demonstrate an understanding of the major functional areas of Business (PLO1).  CLO2: Describe and apply core knowledge in Management Information Systems (MIS) and explain why and how information systems are used today to optimizing organizational performance (PLO1).  CLO3: Effectively evaluate current and emerging technologies to solve problems in an MIS context (PLO1).  CLO4: Apply Management Information Systems knowledge and skills learned to facilitate the acquisition, development, deployment, and management of information systems (PLO5, PLO8).  CLO5**:** Map information system interfaces among organizational units to integrate businessfunctions across an enterprise (PLO5, PLO8). | | | | | | |
| **Content**  **(Main topics, sub topics)** | Introduction to Management Information System (MIS), Information Systems in the Enterprise – Major Types of Systems in Organizations, Information Systems, Organizations, Management, and Strategy, The Digital Firm: Electronic Business and Electronic Commerce, Ethical and Social Issues in the Digital Firm, IT Infrastructure and Platforms, Organizing Data in a Traditional File Environment, Telecommunications and Networking in Today’s Business World, The Internet, Technologies and Tools For Communication and E-Business, The Wireless Computing Landscape, M-Commerce and Mobile Computing, System Vulnerability and Abuse, Security and Control, Enterprise Applications and Business Process Integration, Managing Knowledge in The Digital Firm, Intelligent Techniques Used in MIS, Decision Making and Decision-Support Systems, Redesigning the Organization With Information Systems -BPR and Process Improvement, Overview of Systems Development, Alternative Systems-Building Approaches, Understanding The Business Value of Systems, Managing Change and Implementation, Managing International Information Systems, Technology Challenges of Global Systems. | | | | | | |
| **Teaching Learning methods (TL)** | Self-learning/independent learning of self - study (IL)   * Learning the course contents in course materials in print and web-based materials (SS) * Additional reading materials/ recommended reading (RE)   Contact sessions   * Day schools (discussion sessions) (Non-compulsory) | | | | | | |
| **Assessment strategy** | Overall Continuous Assessment Mark (OCAM): 40% | | | | Final Assessment: 60 % | | |
| Details: Continuous Assessment I (CA I) : **01 hr.**  Continuous Assessment II (CA II) : **01 hr.**    OCAM computation:  OCAM= 60% of best CA I/CA II + 40% of other CA I /CA II | | | | Final Evaluation  Theory: **02 hrs.** | | |
| **Recommended**  **Readings:** | 1. Laudon , K. C.,‎ Traver , C. G. (2011). *Management Information Systems* (12th ed.).: Prentice Hall | | | | | | |

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