**Hospital Information System**

**Course Description:-**

An introduction to health information systems as tools for decision-making and communication in health care. This course builds on prior knowledge of systems theory and utilizes change theory and information processing theory to analyze, manage and evaluate health care information. Emphasis is also on the ability to utilize information systems in the delivery of patient care and the exploration of the variety of tools available to assist in the analysis of quality care

**Pre-requisite**:- Nil

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| Learning outcomes:  At the end of the course, students should be able to:     1. Explore theoretical foundations for the processing of information and change within nursing and the health care system. 2. Explore the process of implementing technology and its impact on health care delivery. 3. Integrate relevant knowledge from nursing and organizational theory to the management of information to guide managerial decision-making. 4. Propose a healthcare informatics project based on nursing process, change theory, and administrative strategies for assessing, planning, implementing and evaluating informatics in a healthcare organization. 5. Examine social, ethical and legal issues involved in computerized procedures related to health care delivery. 6. Evaluate data management |

**COURSE PLAN**

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| **Week No.** | **Topics/Activities** |
| 1 | Introduction |
| 2 | Basic Concepts |
| 3 | What Do Hospital Information Systems Look Like? |
| 4 | What Are Good Hospital Information Systems? |
| 5 | How to Strategically Manage Hospital Information Systems |
| 6 | Conclusion |

**REFERENCES**

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| Haux, R., et. Al. | Strategic Information  Management in Hospitals | 2004 | Springer |