

Course structure covers 6 Units from basic to advances in the related fields

Introduction to Health Informatics	
	Overview and perspective
	IT in health care
	Communication Technologies in Healthcare
Knowledge Management in Health Informatics	
	Data, Information – Processing & Integration
	Clinical Terminologies
	Health Information Standards & Protocols
	Data Mining in Biomedicine & Healthcare
Integrating Technology into Health Care Delivery	
	Evidence Based Medicine
	Statistical Approach to Health Informatics
	Decision Support & Expert Systems
Imaging, Pharmaceutical and Laboratory Informatics	
	Imaging Informatics
	Pharmaceutical Informatics
	Laboratory Informatics
Nursing, Public Health and Consumer Health Informatics	
	Nursing Informatics
	Public Health Informatics
	Consumer Health Informatics and Personal Health
Electronic Medical Records	
	EMRs / EHRs / PHRs History & Evolution
	Components, Challenges in its implementation
	Benefits, Applications in Health & Disease Management