

Health Informatics Certification Programme (HICP)

2 Months Programme (week end)
February – March 2010



Health care & Hospital Professionals,
Implementation Specialist and other Aspirants of
Healthcare Information Technologies

**International Institute Of Health Management
Research, New Delhi**

WWW.iihmr.edu.in

ABOUT THE ORGANIZER

THE INSTITUTE

IIHMR New Delhi was established with focus on national and international healthcare management in June 2008 under the Indian Institute of Health Management Research Society registered under Societies Registration Act.

The Institute is offering a two- years full time Postgraduate Programme with specialization in Hospital Management, Health Management and Healthcare IT. This course has been approved by AICTE.

OBJECTIVE OF THE INSTITUTE

The overall objective of IIHMR is to establish an excellent all-round academic environment for its students that can provide and disseminated the latest knowledge and management through research, education, training and networking.

Courses in Health Informatics conducted till date :

S. No	Programme Title	Date
1.	HL7 Standard for Healthcare in India	30-31 Oct 2008
2	Hospital Information Management System	19-20 Dec 2008
3	Telemedicine	12-13 March 2009
4	Database Programme Management and Evaluation	15-19 June 2009
5	Health Information Management System	7- 18th September 2009

COURSE OBJECTIVE of HICP Programme

Health Informatics is an emerging discipline and profession in its own right, with emerging career opportunities. For technocrats involved with healthcare delivery, there is a need for interactions with a wide range of people, including consumers, health professionals, administrator and vendors, in many instances playing a pivotal role as professional therefore need broad skills and knowledge which incorporates principles and applications of information management and an understanding of organizational cultural change management and innovation diffusion. This program intends to offer students the opportunity to develop the necessary basic skill and knowledge in Health care IT.

Goal

To introduce the basics of healthcare informatics.

Course Duration & Fees

- 2 months weekend course (7th Feb – 20th March 2010)
- Rs. 15,000/- Fee covers registration, tuition, course material, handouts and field visits. *Payment to be made by Demand Draft in the name of IHMR payable at New Delhi.*

Course Pedagogy

In addition to the classroom lectures, webcast delivery, laboratory activities and action driven interactive sessions, case studies, Field visits, assignments would be made to expand the learning which would enable the professionals to gather knowledge and skills in the area of Health IT.

Course Outline

Date	Day	Course Outline	Detailed Outline
7 Feb 2010	Sun	Introduction and Overview	<ul style="list-style-type: none"> - Scope of Medical Informatics - UMLS and MeSH - Evidence Based Medicine - Electronic Health Record - Clinical Decision Support System
13 Feb 2010	Sat	Computer Hardware , Software and Networking Basics, smart Health devices	<ul style="list-style-type: none"> - Operating Systems and Computer Language - Basic Hardware Accessories - Office Software and Applications - Computer Networks and Connectivity - Smart Health devices
14 Feb 2010	Sun	Net Searching Tips Standards for Health Informatics VISTA - Health Information System	<ul style="list-style-type: none"> - Sources of information - Search Strategy - RSS Feeds - Types of Standards - Controlled Medical Vocabulary - ICD, LOINC, SNOMED-CT, UMLS and MESH - Health Information System
21 Feb 2010	Sun	Electronic Health Records , HL7 and XML	<ul style="list-style-type: none"> - EHR,EMR , CCR, Open EHR, HL 7 , CDA
26 Feb 2010	Fri	Database and Knowledge Management	<ul style="list-style-type: none"> - Database Design and Development - Query Language - Evidence Based Medicine
27 Feb 2010	Sat	Database Management in Healthcare with Cache	<ul style="list-style-type: none"> - Design of Database Management in Healthcare with Cache - Case Studies
7 Mar 2010	Sun	Imaging, including PACS and DICOM	<ul style="list-style-type: none"> - PACS, Medical Imaging, DICOM, RIS
13 Mar 2010	Sat	Integrated HIS including Clinical Decision Support Systems	<ul style="list-style-type: none"> - HIS, IHIS, IHE, CDDW, KDDM, CDSS - Case Studies
14 Mar 2010	Sun	Requirements Management	<ul style="list-style-type: none"> - SDLC, Requirements Analysis, Use Case - Field Case Studies
20 Mar 2010	Sat	Telehealth principles and practice Health informatics - Implementation Issues	<ul style="list-style-type: none"> - Telehealth Clinical and Nonclinical Uses - Benefits and Barriers - Telemedicine Laws - Security, privacy, Confidentiality, e-Health and m-Health - Field Visit (Gangaram / Artemis)

Faculty

Apart from IIHMR faculty , eminent Faculty would also be drawn from Healthcare IT Industry

Assessment & Certification

Certification would be based on weekly assignments and class participation.

Eligibility Requirement

Health Professionals having basic knowledge in Computer Applications, Word processing is desirable.

Registration

Kindly download the registration form from our website
<http://www.iihmr.edu.in>.

Course Co-ordinator
Prof. Indrajit Bhattacharaya
Professor

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