

# Health Informatics Certificate Programme ( HICP)

**February 11 – March 25, 2012 ( Weekend Course)**



International Institute of Health Management Research,  
New Delhi



## Rationale

The field of health informatics has experienced extraordinary growth. Application of information technology to the health sector has tremendous potentiality for efficacy of health care delivery institutions and provision of cost-effective health care. Health care delivery institutions will need and use information technology to meet their client demands and stay competitive, since, the future for them lies in cost-effective health care. General purpose information technology solutions are usually inadequate for specialised needs of the health sector. Increasing awareness of the need for trained personnel has led to the conceptualization of Health Informatics Certificate Program ( HICP ). It is primarily targeted for giving an overview of various aspects of Healthcare IT to Health Sciences working professionals planning to make a career in this field.

## Objective

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.

## Key Benefits

### Healthcare Institution:

Health care institution personnel seeking to diversify their skills and move on to the health informatics area. The deliverables by industry speakers would deal in areas not limited to Database and datamining, IT Security, Standards, Public Health informatics, Challenges in HMIS Integration, Open-EHR , Solutions on Cloud Computing, Rural Health IT Telemedicine and networking essentials, RIS /PACS. The working professional would get an insight of multiple dimensions of Health –IT and get an holistic overview from industry leaders.

### Individual:

A Health Sciences professional planning to build a career in Health- IT would get a holistic overview of various sub-domains of the subject. This would lead to understand the various dimensions of the subject and help in taking further decisions for firming up their career choices. The course is especially designed for working healthcare professional to attend sessions during weekend.

## ABOUT THE ORGANIZERS

IHMR, Delhi is an institution dedicated to the improvement in standards of health care through better management of health care and related programs. It seeks to accomplish this through management research, training, consultation and institutional networking in a national and global perspective.

In addition to research, training and consultancy 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.

## TARGET AUDIENCE

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

## Certificate

Certificate will be awarded upon successful participation and completion of the programme .

## Course Contents and Resource Person

| Day               | Date                        | Details                                                                               | Resource Person                                                                                                             |
|-------------------|-----------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Day 1<br>Saturday | 11 <sup>th</sup> Feb 2012   | - Introduction to IT and Standards<br>- Database, Data Warehouse and Data Mining      | Prof. Indrajit Bhattacharya , <b>IIHMR</b><br>Dr. T. Muthukumar, <b>IIHMR</b><br>Dr. Anandhi Ramachandran , <b>IIHMR</b>    |
| Day 2<br>Sunday   | 12 <sup>th</sup> Feb 2012   | - IT Security in Healthcare<br>- EMR / Telemedicine                                   | Sanjay Singh, <b>Sir Ganga Ram Hospital</b><br>Dr. S. B. Gogia, President of <b>SATHI</b> , Former President of <b>IAMI</b> |
| Day 3<br>Sunday   | 19 <sup>th</sup> Feb 2012   | - EHR Cloud<br>- HMIS Implementation                                                  | Pradeep Saha, <b>Max Hospital</b><br>Pratha Dey, Senior Consultant, <b>IBM</b>                                              |
| Day 4<br>Saturday | 25 <sup>th</sup> Feb 2012   | - Public Health Informatics<br>- Enterprise Resource Planning( ERP) in Healthcare     | Prof.(Dr.) S.V.Mani, VP, <b>TCS</b><br><b>SAP*</b>                                                                          |
| Day 5<br>Sunday   | 26 <sup>th</sup> Feb 2012   | - Force Multiplier Effect in Healthcare Enterprise<br>- Enterprise HMIS               | Dr. Pankaj Gupta, <b>Taurus Global Consulting</b><br>Manish Gowalikar, <b>Apollo</b>                                        |
| Day 6<br>Saturday | 10 <sup>th</sup> March 2012 | - RIS/ PACS<br>- Strategies in Healthcare IT                                          | Vivek Verma, <b>Siemens</b><br>Tarun Gautam, <b>Kasper Consulting</b>                                                       |
| Day 7<br>Sunday   | 11 <sup>th</sup> March 2012 | - Consulting in Health IT<br>- Adoption techniques in Health IT                       | Kamal Mukherjee, <b>Deloitte</b><br>Sourab Gupta, <b>PWC</b>                                                                |
| Day 8<br>Sunday   | 18 <sup>th</sup> March 2012 | - Medical Services Parabolic Drugs<br>- Rural Healthcare IT                           | Dr.Rit Shulka , DGM, <b>Medical Services</b><br>Ashok Chandavarkar, <b>INTEL</b>                                            |
| Day 9<br>Saturday | 24 <sup>th</sup> March 2012 | - Cloud Computing in Health IT<br>- VisTA – open EHR                                  | Alok Baidya, <b>Microsoft</b><br>Joseph Puthooran, <b>Vista Edge</b>                                                        |
| Day 10<br>Sunday  | 25 <sup>th</sup> March 2012 | - Integrating Health IT<br>- Application Development, Consulting, Support Integration | Avanish Singh, <b>HCL</b><br>Vibhor Mathur, <b>DELL</b>                                                                     |

### Participant Fee:

**INR 15,000** (Non- residential) for Indian Participants

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The programme fee will cover:

**Last Date of registration : 3<sup>rd</sup> February 2012**

- Tuition Fee
- Course study materials
- Local hospitality at IIHMR, New Delhi ( Lunch and Tea)

**Course Coordinator : Prof. Indrajit Bhattacharya, IIHMR New Delhi**

### For registration and queries, please contact:

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