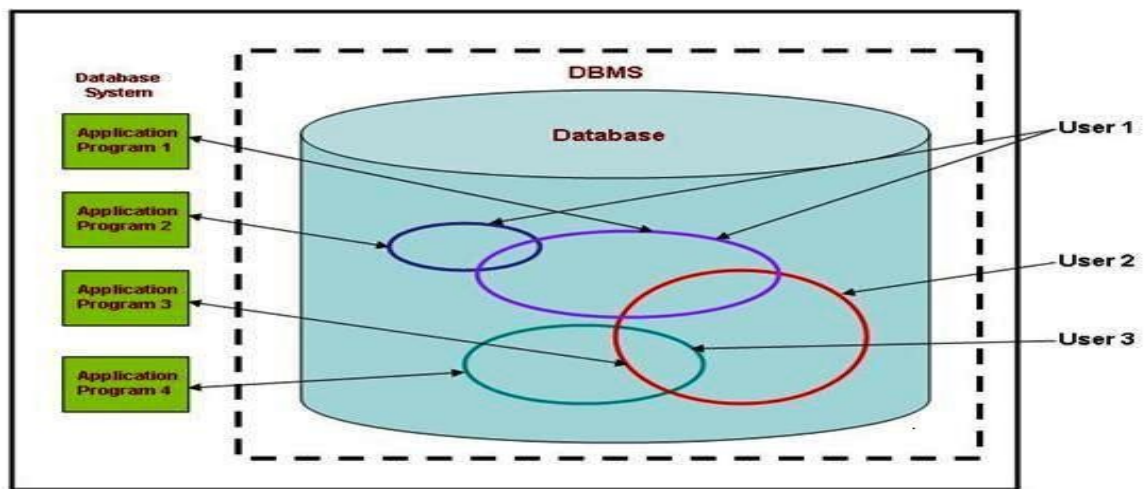


Practicing Professional Development Programme

Healthcare Database Management using Relational and Object Relational Databases

September 12 –17, 2011



INTERNATIONAL INSTITUTE OF HEALTH MANAGEMENT RESEARCH
(IIHMR), NEW DELHI

URL: www.iihmrdelhi.org

About Organizer

International Institute of Health Management Research (IIHMR), New Delhi is an Institution dedicated to improvement in standards of health through better management of health care and related programmes. It seeks to accomplish this through management research, training, consultation and institutional networking in a national and global perspective.

In the context of rapid technological, managerial and environmental changes, it is imperative that practicing health-care professionals continuously update their knowledge base, acquire and upgrade leadership skills to deal with the fast growing obsolescence through continuing education. IIHMR's Management Development Programmes are designed to face the technological challenges and help the professionals in broadening their understanding and improving the skill set to deliver their services effectively and efficiently. IIHMR programmes have been planned for health professionals who are involved in health planning, health financing, managing and generating health resources and those who work for ministries of health, government agencies, planning agencies, implementing agencies, public health institutions, non governmental organizations and voluntary agencies.

Course Objective

Introduction to the use and operating principles of database management systems. Semantic modeling; query languages; relational calculus and algebra as applied to the database design, implementation, and access. Hands-on experience in accessing information using a query language.

Specific Description

This course provides an introduction to database systems including database querying, design, and programming. The course consists of three major components. The first component explains databases from a user perspective including how to query using SQL, relational algebra, and other query languages. The second component involves designing relational databases using Entity-Relationship (ER) diagrams and other modeling languages. The last part deals with Object oriented and object relational database management systems.

Participants completing the course have experience with current database technologies, and the ability to use and develop databases and associated applications

Course Outline

Day	Date	Details
Day 1 (Monday)	12th September 2011	<ul style="list-style-type: none">• Introduction to HealthCare Database Management• Overview of Databases• Database Architecture• Functioning of Database
Day 2(Tuesday)	13th September 2011	<ul style="list-style-type: none">• Database Designing –General Approach• ER Modeling• Relational Algebra
Day 3 (Wednesday)	14th September 2011	<ul style="list-style-type: none">• Relational Design and Normalization• SQL Constructs, Queries and Functions
Day 4(Thursday)	15th September 2011	<ul style="list-style-type: none">• Concepts of OOPs– Revisited• Introduction to Object Oriented Databases• Introduction to Object Relational Database Management System
Day 5 (Friday)	16th September 2011	<ul style="list-style-type: none">• Working with Cache
Day 6 (Saturday)	17th September 2011	<ul style="list-style-type: none">• Field Visit to Multi- Specialty Hospital

Targeted Audience

This programme is designed for Doctors, Paramedics, Managers, Technologists, Engineers, Academicians, Researchers, Health Professionals and Students

Methodology

Lecture with hands– on computer training/ practical sessions.

Certificate

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

Course Fee

Rs. 15,000/- (Non-residential) for Indian Participants

US\$ 500 (Non– residential) for International Participants

The Programme fee will cover:

- i) Tuition Fee
- ii) Course Study materials and Computer Laboratory facility
- iii) Local hospitality at IIHMR, New Delhi(Lunch and Tea)

**Last Date of Registration is 1st September 2011
(Limited seats under first come first basis)**

Accommodation

The accommodation would be made available on request and money will be charged as follows:

- Accommodation on Twin sharing Rs.750/- per day person (meals extra)
- Accommodation on Single occupancy Rs.1000/- per day person (meals extra)

Note:

- Payment to be made by Demand Draft in the name of IIHMR payable at New Delhi.
- Programme subject to cancellation due to unavoidable circumstance.
- Course fee does not include the travel cost to & from Delhi and other personal expenditure

Resource Persons

Prof. Indrajit Bhattacharya
Professor
IIHMR New Delhi
Mobile:9810585189

Dr. Anandhi Ramachandran
Assistant Professor
IIHMR New Delhi
Mobile: 9810407906

International Institute of Health Management Research (IIHMR)

Plot no:3, Sector 18A, Phase-II, Dwarka, New Delhi-110075

Course Coordinator: Dr. Anandhi Ramachandran

For Registration and Queries, Please contact: Ms. Shikha Bassi, Training Officer

Phone: 011-30418900, Mobile: 09312096282 email: ppdp_delhi@iihmr.org / Shikha@iihmr.org

International Institute of Health Management Research

New Delhi

REGISTRATION FORM

1. Program Title: Healthcare Database Management using Relational and Object Relational Databases

2. Duration : September 12 – 17, 2011

3. Name and address of the sponsoring organization: _____

4. Personal details of the attending delegates:

S. No	Name	Designation	Qualification	Telephone	Email ID

5. Fee Details

Rs. _____ D.D. No. _____ Date _____

Name of the Bank _____

DD should be drawn in favour of "IIHMR, New Delhi". The programme fee includes charges for tuition, training material, local hospitality(Lunch & Tea) at IIHMR, Delhi.

6. How did you come to know about this programme (please tick):

I. Received printed brochure and letter by post:

II. Received information by email:

others (kindly specify): _____

Venue : International Institute of Health Management Research

Plot No. 3, HAF Pocket, Sector 18A, Phase-II, Dwarka

Near Veer Awas/Kargil Aprt. Sector- 12 Metro Station, New Delhi – 110075

For Registration and Queries, Please Contact: Ms. Shikha Bassi, Training Officer

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