

Workshop
on
DATABASE MANAGEMENT
TECHNOLOGY (DB-2)
(20th to 23rd MAY, 2010)



Organized by
School of Information and Communication
Technology,
Gautam Buddha University, U.P., India

in collaboration with



IBM India Pvt. Ltd. Noida, U.P., India

Introduction:

This workshop is endeavored to enrich its participants developments the state-of-art in the area of Database Management System. The workshop will consist of lecture practice sessions. This workshop is designed to teach how to perform database administration tasks using DB2. Tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements. New features such as range partitioning, data row compression, and pure XML will be introduced. Hands-on exercises provide an option of using a Linux, or Windows operating system. This course content of workshop provides participants with the knowledge required to construct application programs that effectively interact with the DB2 Relational Database Management System.

Workshop Contents:

The workshop topics that are expected to be deliberated during the workshop are:

1. Overview of DB2 9 on Linux, UNIX, and Windows
2. Product Installation, DB creation, using DB2 tools
3. Command Line Processor (CLP) and GUI usage
4. Working with DB2 Data using SQL
5. Cataloging a Server & DB using Configuration Assistant and CLP
6. Creating table with XML datatype, Inserting, updating and deleting XML data, XQuery
7. Concurrency
8. Working with Isolation levels using CLP
9. Security
10. Updating DBM CFG and DB CFG, assigning authority and privileges

Resource Persons:

The experts from IBM industry will deliver lectures, demo and conduct practical.

Prerequisites:

The participants who have the basic knowledge of Database Management Technology can be benefited with workshop.

Participants:

The program is open to the all faculty members, technical staffs and students of Gautama Buddha University.

Registration:

There are 60-80 seats reserved for above participants. The selection of participants will be based on first come first serve basis. The registration form of workshop in the prescribed format should reach the workshop coordinator (office of School of ICT) before **15 May 2010**. The participants will be informed through the emails along with the schedule of workshop. There is **no registration fee** for program.

Benefits:

Upon successful completion of this workshop, the participants will be able to

- Understand the DB2 components
- Understand relationships of DB2 objects
- Use SQL for DB2
- Understand DB2 security
- Compile, link and run DB2 programs
- Code error handling techniques for DB2 programs
- Understand and test DB2 referential integrity
- Understand the DB2 data recovery

- Understand the DB2 data concurrency and performance

In term of technical benefits each participant can get a certification from IBM after clearing the exam which will be conducted online after the training.

About School of ICT:

School of Information & Communication Technology (ICT) was the second school in GBU which starts its Master of Technology programmes. One of the Master of Technology program is unique in country as it induct science graduates for this technology program.



From July 2010 an integrated dual degree program is also being offered. The school has modern and state of the art laboratories, learning management system and good research environment. It has highly qualified faculty members who create excellent learning and research environment at the school.

About IBM:

International Business Machines Corporation (IBM) has been well known through most of its recent history as one of the world's largest computer companies and systems integrators. With over 388,000 employees worldwide, IBM is one of the largest and most profitable information technology employers in the world. The company

has scientists, engineers, consultants, and sales professionals in over 170 countries.



IBM has been established in India since 1992. It has expanded its operations considerably with regional headquarters in Bangalore and offices in 14 cities including regional offices in New Delhi, Mumbai, Kolkata and Chennai. Today, the company has established itself as one of the leaders in the Indian Information Technology (IT) Industry.

IBM work in research areas such as Mobile Enabled Emerging Solutions, Next Generation Systems and Smarter, Planet Solutions, Information Management, Infrastructure Management Services, Analytics for Services and Software Service Technologies. IBM Software portfolio consists of Data Base Management (DB2), IBM WebSphere, Lotus, Tivoli, Rational technologies. It provides the training and solution related to these technologies.

Contact:

For further details, please contact workshop coordinator.

Workshop Coordinator

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Mobile: +91-9971037951

REGISTRATION FORM -FORMAT

Please fill the all entry in BLOCK letters.

Name.....

Category: Faculty ☐ Student ☐ Staff ☐

Programme/Designation:.....

School/Department:.....

Any Experience with DBMT:.....

Address:

.....
.....

Email ID:

Phone No. :

Name: Signature:.....

Date:..... Place:.....