

## REGISTRATION FORM

FACULTY DEVELOPMENT PROGRAM  
ON  
ADVANCED DATABASE SYSTEM  
CONCEPTS, DESIGN AND PRACTICES  
(23<sup>rd</sup> Oct 2013-1<sup>st</sup> Nov 2013)

1. Name:
2. Designation:
3. Department:
4. Organization:
5. Email:
6. Phone:
7. Years of Experience:
8. Address:

This is certified that the above information furnished by me is correct and verified

Signature of the Applicant

Signature of Head of the Institution/Department  
(Photocopies of this form can be used)

### ADDRESS FOR COMMUNICATION

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Department of Information Technology  
College of Engineering & Technology,  
Technocampus, Ghatikia  
Bhubaneswar Odisha-751003

## ADVISORY COMMITTEE

CHIEF PATRON	Prof. S. P. Mohanty Principal, CET
PATRON	Prof. P. K. Patra Coordinator, TEQIP-II Prof. P. K. Parhi PIC, Academics
FINANCE CHAIR	Prof. K. N. Das PIC, Finance
COORDINATOR	Prof. J. Mishra HOD, IT
COCOORDINATOR	Mr. S.K.Dash Lecturer, IT

## ORGANISING COMMITTEE

Mrs. Jayashree Dev, Lecturer, IT  
Mr. Devi Prasad Mishra, Lecturer, IT  
Mr. Chandrakanta Badjena, Lecturer, IT  
Mrs. Rajlaxmi Padhy, Lecturer, IT  
Ms. Swati Lipsa, Lecturer, IT  
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Ms. Shatabdi Nalini, Lecturer, IT  
Mr. Asutosh Satpathy, Lecturer, IT  
Mr. Biswaranjan Mohanty, Programmer, IT  
Mr. Prashanna Kumar Parida, DEO, IT Dept.  
Mr. Susant Kumar Nayak, IT Dept.

## IMPORTANT DATES

The last date for the receipt of duly forwarded applications: **10<sup>th</sup> October 2013**  
Intimation of Selection: **21<sup>st</sup> October 2013**

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ON

**ADVANCED DATABASE SYSTEM  
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### Organized by

Department of Information Technology,  
College of Engineering & Technology,  
Bhubaneswar

### Sponsored by

**TEQIP-II**



College of Engineering & Technology  
Technocampus, Ghatikia  
Bhubaneswar, Odisha-751003  
www.cet.edu.in

## ABOUT THE COLLEGE

College of Engineering and Technology (CET), was established in 1981 to meet the growing technical man power need in the State. It has become a constituent college of Biju Patnaik University of Technology, Rourkela with effect from 09.07.2002 as per section-37(1) of BPUT Act, 2002. It is the premier institute in Orissa attracting top students from the state. Today CET has established its reputation for its excellence in teaching combined with professional development of its students.

## ABOUT THE DEPARTMENT

Since establishment of Information Technology Department in 2001, the department has shown constant pursuit of excellence in both B.Tech & M.Tech. The department having cohesive team of highly qualified, professionally competent, well recognized faculty endeavors to produce IT experts to fulfill the requirement in IT Sectors.

## ABOUT THE COURSE

The FDP on “**ADVANCED DATABASE SYSTEM CONCEPTS, DESIGN AND PRACTICES**” is intended for Faculty members, Research scholars, to enlighten their knowledge in Large Scale Database.

"Data Base System" is taught to computer science and information technology and students in the engineering, MCA, Degree colleges. Databases are used not only in computer and information technology department but in all other industries too.

Whenever there is need of storing and preserving data, databases are used. They are used to add, retrieve, edit, and delete contents from the stored data. Data is managed more efficiently and its query language retrieves

data very quickly. It is used in industries where data is to be maintained, like shopping malls, banks, small and large scale industries, private and multinational companies, educational institutes, internet, and so on. It accepts requests from clients, that may require sorting and extracting data. Once the server has processed the request, it returns the information to the client. The data integrity feature prevents multiple users accessing and modifying the same information at the same time.

## OBJECTIVE

- Imparting knowledge of DBMS on a larger scale and at a faster rate.
- Helping maximum number teachers and working professionals learn Data base concepts and implement them in real life.
- Empower students and teachers in engineering colleges on a large scale.
- To get exposure in database design theory
- To design and develop database application

## COURSE CONTENT

- Overview of data management systems.
- Overview of storage structures, indexing, query processing and optimization, and transaction processing.
- Overview of decision support and data analysis.
- Data warehousing and data mining and Information Retrieval.
- Querying Big Data using Hadoop
- Oracle, PL/SQL, DB2
- Distributed Database, Object Oriented Database

## DURATION AND VENUE

The duration of the workshop is 2 weeks (10 working days.) It will begin tentatively on Thursday 23<sup>rd</sup> October at 09:00 hrs and end at 18:00 hrs on Saturday 1<sup>st</sup> November, 2013.

The venues for the workshop will be Conference hall, CET.

## WHO SHOULD ATTEND

The workshop will benefit faculty colleagues who are teaching **Database Management Systems** in their colleges. They should have taught this subject at least once and should be familiar with the syllabi and examination pattern of their own college or university.

## FACILITIES

- No registration fee will be charged for participation
- No TA/DA will be provided to the participants
- Arrangement for accommodation will be made by the participants by themselves.
- Arrangement for tea and lunch during the course will be provided by the institute.

## HOW TO REACH

The college is located in the Technocampus at Ghatikia, Bhubaneswar, Odisha, India about 2.0 km. away from Khandagiri Caves, 3 km away from Baramunda bus stop and 8km. away from Bhubaneswar Railway Station.

