

Faculty Development Programme in “Core Java”

Organized jointly by



Gujarat Technological University
&
Chaudhari Technical Institute, Gandhinagar



Dates : 21st and 22nd January, 2011 [Friday & Saturday]

First ever Subject Specific FDP for the faculties of MCA / BE program. Only selected important and core topics of the subject are taken and that will be discussed at the faculty level. The objective of this FDP is to prepare and equip the faculties of MCA and BE programmes in the Core Java subject to the higher level and standards opted by GTU.

FDP Expert

Mr. Pravin Jain, author of “The Class of Java”, textbook of 3rd semester under Gujarat Technological University [GTU]. He is having 24 years of IT experience and is Sun Certified Java Programmer. He has more than 10 years of experience in teaching. He is associated with MS University, and various other universities for revising the syllabus.

Who can participate ?

Faculties from MCA / BE discipline.

**Limited Seats Only
First Come First Serve**

Registration Fees Rs 400/-

Accommodation available by request at participants cost.

For more details check out
www.ddcti.ac.in

- Inauguration by GTU Vice Chancellor **Dr. Akshai Aggrawal.**
- Special Interactive session – for any specific doubts in the Java subject from teaching point of view.
- Demonstration by Industry/Student for any exceptional Java Projects in the evening or post lunch session.
- Participation Certificate.



Objective

- To strengthen the efforts of GTU for the up gradation of Quality in Technical Education.
- To prepare and equip the faculty of MCA and BE programmes in the Core Java subject to the higher level to match the standards opted by GTU.
- To provide common platform for the faculties from the various institutes – to share their experience in the subject. As the subject being core, the sharing should continue and help them in subsequent semesters.
- To create the environment where faculty from different institutes can strengthen each other instead of competing with each other.
- To involve faculty in the initiatives taken up by GTU viz. motivating them to contribute in the GTU course website effectively and regularly.
- To inspire other institutes to take up at least one such subject specific FDP every year.
- To help GTU for getting feedbacks and suggestions related to the subject from various faculties of different institutes participating in the SS-FDP.

About Institute

Chaudhari Technical Institute (CTI) was established in 2001 for studies in computer Applications in Gujarat imparting training in M.C.A. **exclusively for Girls**. College is now in its **tenth year** of existence. CTI has a Safer, Secure & Serene Campus Hostel is on the same campus next to the Institute Building.

Institute Provides technical knowledge about various types of Software and Hardware, So as to enable the students to become efficient technocrats in domestic as well as International market. The institute is approved by the All India Council for Technical Education (AICTE) New Delhi. It is affiliated for the Post Graduate course of M.C.A. and M.B.A. with the Gujarat Technological University.



Achieved second rank
in overall result in
Gujarat in GTU MCA
exams for consecutively
two times
Semester—I Feb 2010,
Semester—II July 2010.

Registration Fees

Registration fees is Rs. 400 per participants for early bird on or before 15/01/2011 and Rs. 500/- for participants registering after 16/01/2011. Cost includes kit, tea, snacks and lunch for two days. Accommodation will be provided if asked in prior. Cost of the accommodation is to be borne by the participants. Please contact accommodation committee for more details.

Fees can be paid in cash or by demand draft drawn in name of “Chaudhari Technical Institute” payable at Gandhinagar. Please do mention your and college name at back side of a draft. Participants will receive confirmation mail once registration process is over. For any queries mail to fdp.cti@gmail.com

**A good teacher is like a candle
it consumes itself to light the
way for others.**



Course Content

Structure and syntax of a Java file.

- a. To cover all kinds of elements which can go in a Java file, like package, import declaration, classes, interfaces, enums and members like variables, methods, constructors, blocks, member classes and interfaces and anonymous classes
- b. All kinds of possible modifiers for all the elements
- c. Cover all keywords in Java, with their usage

The Object class and the Class class.

- a. The Object class as super-class of all classes
- b. Class-loading and the objects of the Class class.
- c. Some look at the reflection API

The exception handling and multi-threading in Java.

- a. Execution of a thread in runtime stack
- b. Throw and the return statements
- c. Checked and unchecked exceptions
- d. Handling exceptions with try catch and finally
- e. Creating a thread of execution, using Runnable
- f. Organizing threads using ThreadGroup
- g. Controlling thread termination using UncaughtExceptionHandler
- h. Synchronized keyword and using wait, notify and notifyAll

Collection framework and Generics

- a. Commonly used data structures, from the collection framework.
- b. Understanding, Collection, Set, List and Map.
- c. Data types with parameters. (generics)
- d. Bounded parameters
- e. Generic methods and constructors.
- f. Generics in the Collection framework

Interactive session for any doubts related to Java Programming language.

- a. Question Answer session



Registration Form : SS-FDP Core Java

Applicant Information

Last Name	_____	First Name	_____	Middle Initial	_____
College Name	_____				
Street Address	_____				
Phone	_____	Mobile	_____		
Email	_____				
Accommodation Required	Yes	No	Cost to be borne by the Participants. Contact Registration Committee. [Details in the brochure]		

Registration Fees Details

Demand Draft to be drawn on “Chaudhari Technical Institute” payable at Gandhinagar.

Bank Name	_____	Bank Address	_____		
D.D. No	_____	Date	_____	Amount	_____

- *Registration Fees is Rs 400/- If DD is drawn before 15-01-2011. Late registration is for Rs. 500/- after 16-01-2011.*
- *Please write participant name, college name and place on back of DD.*
- *TA/ DA and accommodation is to be borne by the participating institute / candidate*
- *A separate doc file is attached for registration form. Please fill the details and mail at fdp.cti@gmail.com. Please do take the printout of the same and post it with DD to Chaudhari Technical Institute, [SS-FDP], Opp. Central Bus Depot, Sector-7, Gandhinagar, Gujarat-382007*



Shree Akhil Anjana Kelavani
Mandal, Gandhinagar Managed



Chaudhari Technical Institute



Opp. Central Bus Depot,
Sector - 7, Gandhinagar,
Gujarat
Phone No : 079 23235239
Fax : 079 23229833

www.ddcti.ac.in



Patron

Mr. Haribhai Chaudhary
Chairman

Prof. Jitendra Patel
Director

Convener

Mr. AshishSingh Bhatia
Contact : 9879009551
Email : ast.bhatia@gmail.com

Program Coordinator

Mr. Vinod Pillai
Contact : 9909023599
Email :vinodthebest@gmail.com

Registration

Mr. Jay Patel
Contact: 9714064664

Ms. Khyati Raval
Contact: 9376163371

Accommodation

Mr. Jay Patel
Contact: 9714064664

Ms. Vaishali Chaudhari
Contact: 9427613265

For any queries / information
regarding registration /
accommodation email on
fdp.cti@gmail.com