



B-30, Institutional Area, Sector-62,
NOIDA – 201 307
ISO 9001:2008 COMPANY



For information log on to :
<http://www.cdacnoida.in/FS/pgdasdd.asp>
Programme Leader : Mr. Sanjay Saxena
Ph.: 0120 – 3063371-73, 3063383,
9891612027, Fax: 0120 - 3063374
info.pgdasdd@cdacnoida.in

POST GRADUATE DIPLOMA IN ADVANCED SOFTWARE DESIGN & DEVELOPMENT

Last date for submitting Application Form:

8th Jan 2010

Date of Entrance Exam:

16th & 17th Jan 2010

Date of Result Declaration:

20th Jan 2010

Registration Start Date : **16th Nov 2009**

Last Date of Payment of 1st installment of fees for
selected candidates: **27th Jan 2010**

Last Date of payment of 1st installment of fees for
waitlisted candidates: **29th Jan 2010**

Commencement of Course: **1st Feb 2010**

Registration End Date : **8th Jan 2010**

CDAC PROFILE

CDAC, Noida was established with the mandate to undertake and promote State-of-the-Art Scientific Research & Development of electronics, and to design & develop Electronics Equipment and Systems for the growth of Electronics Industry. The main focus and objective of the organization lies in the development of High skill manpower in various platforms of IT industry through HRD activities, transmitting the goal of Ministry of Information Technology, Government of India, to bring fruits of Information Technology to every walk of life.

Finishing school of CDAC, NOIDA offers various post graduate diploma programmes, short term programmes at national / international levels. It also offers e-learning courses on specific subjects.

ABOUT PGDASDD

Post Graduate Diploma in Advanced Software Design & Development is a six months (24 weeks) full time programme comprising of core and specialization modules with one major project. The syllabus of the course has been focused to cover practical engineering applications, presenting the theory behind applications and implementation. The programme prepares skilled Software professionals through classroom lectures and practical training, for design and development of software in latest technology.

The Core module subjects cover the fundamentals & give a base for better understanding of the specialized modules. The Specialization subjects are the upcoming technology in today's IT industry.

FACILITIES AT CDAC NOIDA :

CDAC, Noida will provide Wi-Fi network wherein

Students are required to bring their personal laptops having a wireless LAN Card to the centre for laboratory work (Practicals) throughout the duration of the course. Laptops would be configured by System Administration department for use within the campus. Students should maintain these settings for use within the campus.

1. In case a student doesn't have a laptop and wants to use lab facility (PC) of organization, student would be required to pay additional fee of Rs. 4000/- per 6 months / semester duration at the time of admission.

B) Other facilities: State-of-the Art Infrastructure, Well-equipped Library with access to International Journals, Industry focused curriculum and Course Contents leading to International Certification, Creative cum learning work environment, Active placement cell, Experienced and resourceful faculty, Close and constant contact between faculty and students.

ELIGIBILITY CRITERION

- M.E / M.Tech / B.E. / B. Tech(CS, IT, Electronics, Electronics & Communication, Electronics & Instrumentation, Electrical) / MCA / MCM (with B.Sc) / B.Sc (Engg.) / AMIE.
- M.Sc.(CS, IT, Instrumentation, Electronics, Physics) / MBA (IT, Systems).
- Students who have appeared for final year Examinations are eligible for this course.

PLACEMENT CELL

Co-ordinates the task of organizing Campus Interview for the students just before the completion of the course in order to help them to secure attractive jobs. The candidates should keep in mind that selection will depend on the selecting criteria and qualitative requirements of the company and the placement cell has no say on the recruitment policy and process of the company visiting the campus. The brief list of companies that visited CDAC, Noida are IBM, HoneyWell, Satyam, E-bookers India Ltd, Bharti Teleshoft, Quark, MBT, Web Commerce, etc.

COURSE CONTENTS	
TERM I -	CORE MODULE
PROGRAMMING LANGUAGES : Programming Fundamentals, C++ Programming & Data Structures using C++ DATABASE MANAGEMENT USING ORACLE 9i:SQL, PL/SQL	SOFTWARE ENGINEERING SOFTWARE TESTING UNIX SHELL SCRIPTING, WEB TECHNOLOGIES
TERM II - SPECIALIZATION MODULE	
(Specialization module will be awarded on the basis of marks in Core Module Examination and choice of students)	
MICROSOFT .NET <ul style="list-style-type: none"> • HTML, DHTML, XML, JAVASCRIPT • .NET Architecture & Framework • Common Language Runtime • C# • Visual Basic.NET • ASP.NET • Database connectivity using VB.NET & ASP.NET • .NET Remoting • Localization • Windows services • Manipulation of XML • Web Services • AJAX ORACLE 9i DATABASE ADMINISTRATION <ul style="list-style-type: none"> • Architecture & Administration • Backup & Recovery 	PROGRAMMING IN JAVA CORE JAVA <ul style="list-style-type: none"> • Introduction to JVM, Classes & Objects • Inheritance, AWT • Event Handling, Multi Threading • Java Packages & Collections • Java I/O, Java Applets • Java Foundation Classes (JFC) ENTERPRISE JAVA <ul style="list-style-type: none"> • J2EE Architecture • JDBC, Servlets • Java Server Pages (JSP) • RMI, Struts Framework • Java Network Programming • Java Mail, EJB • Introduction of Hibernate & Spring concepts ORACLE 9i DATABASE ADMINISTRATION <ul style="list-style-type: none"> • Architecture & Administration • Backup & Recovery
APTITUDE SKILLS & PERSONALITY DEVELOPMENT	
PROJECT WORK (suggested domain areas): Open Source Application, e-Governance etc.	

SUBMISSION OF APPLICATION & ENTRANCE EXAMINATION

For submission of Application Form, visit website www.cdacnoida.in. Registration for the course would be done **ONLINE**. It is advised to read the General Instructions carefully before filling up the Application Form. The last date for submission of duly filled application forms is 8th Jan 2010 at address mentioned below. **Registration Fee is Rs. 300/-**. Fee can be paid through **DD or Credit Card only**. DD should be in favour of CDAC, Noida payable at NOIDA. If payment is made through Credit Card then candidate shall be redirected to Payment Gateway of ICICI Bank by S/W wherein candidate can fill necessary details to complete the registration. Candidate should ensure that the printout of application form along with attested photocopies of certificates/ mark sheets and DD (if mode of payment is DD) should reach at below mentioned address latest by 8th Jan 2010. Roll No for exam of all such candidates would be displayed on CDAC, Noida website by 12th Jan 2010. Candidates whose names are not in the displayed list should contact the Programme Leader. There will be an Online Entrance Examination in 4 slots on 16th & 17th Jan 2010 at C-DAC, B-30, Institutional Area, Sector – 62, NOIDA. The test would be of 2 hrs duration consisting of 100 Multiple Choice Questions based on following topics:
 General Aptitude (30Qs), “C” Programming Language (20Qs), Database Fundamentals (20Qs) and Operating System(30Qs).

REGISTRATION FEES

Fee for the Course is Rs. 45,000/- payable in two installments (First installment Rs. 25,000/- and Second Rs. 20,000/-) by Demand Draft in favour of CDAC, NOIDA payable at Noida. First installment of fee is to be deposited by the selected candidates at the time of admission i.e. on or before 27th Jan 2010. The second installment is to be paid on the first working day of the programme i.e. 1st Feb 2010. Course Fee is Non-transferable & Non-refundable. Fee may be refunded with certain conditions only, which will be declared along-with result of the programme. In case, any selected candidate does not pay first installment of fee by 27th Jan 2010, his seat will be treated as vacant. Such vacant seats will be allotted to candidates in waiting list. Wait listed candidates may contact CDAC, NOIDA at the venue given below on 29th Jan 2010 for allotment of seats on merit basis.

VENUE: C-DAC, B-30, INSTITUTIONAL AREA, SECTOR – 62, NOIDA, PH. 0120-3063371-73 FAX : 0120-3063374