



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



For information log on to our Web Site
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POST GRADUATE DIPLOMA IN SYSTEMS & DATABASE ADMINISTRATION (under ISEA Project)

Last date for submitting Application Form:
21st August 2009
Date of Entrance Exam:
5th & 6th September 2009
Date of Result Declaration:
10th September 2009

Last Date of Payment of fee for selected candidates:
22nd September 2009
Last Date of payment of fee for waitlisted candidates:
24th September 2009
Commencement of Course:
29th September 2009

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 platform of IT industry through HRD activities, transiting 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 PGDSDA

In this global world nothing can be thought without computers and for connecting them we need large and dedicated network based on different Operating System. C-DAC, Noida has designed the six months (24 weeks) Post Graduate Diploma in Systems & Database Administration (PGDSDA) programme to fulfill the requirement of skilled manpower in the field of Networking and related technologies especially for installation, configuration & administration of different OS & Servers. This programme covers

- Networking
- Hardware Peripherals
- IT Security
- DBA OR CCNA Exploration
- Operating System
- Windows 2003 Server
- Red Hat Enterprise Linux 5
- Project

FACILITIES AT CDAC NOIDA :

- A) CDAC, Noida will provide Wi-Fi network wherein
1. 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.
 2. 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

- B.E.(CS,IT,E&C, Electrical, Electronics & Instrumentation, Electrical & Electronics)/ B.Tech(CS,IT,E&C, Electrical, Electronics & Instrumentation, Electrical & Electronics) / AMIE/ MCA/ M.Sc(CS,IT,Electronics, E&C) /MCM (with B.Sc) / B.Sc (Engg.) /MBA(IT, Systems)
- Students appearing for the final year examination are also eligible.

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. Brief list of companies where students are working: Perot Systems, SafeNet, Apyl, Estel Telecom, CSC etc.

COURSE CONTENTS

FOUNDATION MODULE

OPERATING SYSTEM CONCEPTS

- Introduction
- Process Management
- Operating System Structure
- Distributed Systems
- I/O Systems
- Storage Management
- Protection & Security

IT Security

- Introduction
- Physical Security
- Cryptography
- Authentication

Database Technology

- DBMS Concepts & SQL

WINDOWS 2003 SERVER(Basic)

- Managing a MS Windows Server 2003 Environment
- Implementing a MS Server 2003 Network Infrastructure Services
- Planning and Maintaining a MS Server 2003 Network
- Planning, Implementing, and Maintaining a MS Server 2003 Active Directory Infrastructure
- Internet Information Server 6.0

System

HARDWARE PERIPHERALS

- Introduction
- Bus, Motherboard
- SCSI, Sound, Video
- Assembling
- Maintaining, Optimizing & Troubleshooting PC
- Microprocessor, RAM, BIOS
- CD ROM
- Printer, Networking

Computer Networks

- CCNA Exploration I
 - OSI
 - TCP/IP – IPv4, IPv6
 - Networking Media, Networking Protocols
 - Networking Devices

Administration

Linux Administration (RHCT Participant course)

- RedHat Linux Essentials(RH-033)
- RedHat Enterprise Linux System Administration(RH-133)

SPECIALIZATION

Database Administration

- DBA Fundamentals I
 - Administration & Architecture
- DBA Fundamentals II
 - Backup & Recovery + Networking
- Performance & Tuning

MODULE

Networks

- CCNA Exploration II
- CCNA Exploration III
- CCNA Exploration IV
- WINDOWS 2003 SERVER NETWORK ADMINISTRATION(Advanced)**
- MS-Exchange Server, VPN, NAT, RAS, ISA Server
- REDHAT ENTERPRISE LINUX 5 NETWORK ADMINISTRATION (RHCE Participant course)**
- Red Hat Network Services and Security Administration(RH-253)
- IT Security (Advanced)**
- Securing the System, Network Perimeter Security, Security Standards

PROJECT WORK(4 Weeks)

SUBMISSION OF APPLICATION & ENTRANCE EXAMINATION

For submission of Application Form, visit our 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 21st August 2009 at address mentioned below. Payment for registration can be done through DD or NEFT(Non Electronic Fund Transfer) mode. If the mode is DD then a demand draft of Rs. 300/- in favour of CDAC, Noida payable at NOIDA has to be sent along-with attested photocopies of certificates/marksheets as examination fee else only documents are required to be sent. The last date for sending the DD(if applicable) and attested photocopies of certificates/marksheets is 21st August 2009. There will be an Online Entrance Examination in 4 slots on 5th Sept. 2009 and 6th Sept. 2009 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

General Aptitude – 20 Qs, Computer Fundamentals – 40 Qs & Networking Fundamentals – 40 Qs.

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 22nd September 2009. The second installment is to be paid on the first working day of the programme i.e. 29th September 2009. 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 22nd September 2009, their seat will be treated as vacant. Such vacant seats will be allotted to candidates in waiting list. Wait listed candidates may contact at the venue mentioned below on 24th September 2009 for allotment of seats on merit basis.

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