

Course Name – POST GRADUATE DIPLOMA IN COMPUTER APPLICATION

Objective –

- Computer Application course intends to equip the pursuing candidates with knowledge in field of Software Development and make them eligible for job in respective sector.
- Designed course will not only provide theoretical knowledge but practical exposure and assessment through term end Assignments and Projects

Duration – 12 months

Semester – I (6 months)

Semester – II (6 months)

Student enrollment twice a year – 1st Season in January and 2nd Season in July

(Late entry on payment of late fees will be considered- late fees charged will be Rs.200. Late entry considered for 1st season will be till March and 2nd season will be till September)

Eligibility –

Regular semester entry - (January and July)

- Bachelor/ Degree passed in any field, or 3 years Technical Diploma approved by AICTE.

Lateral entry – (April month of January Session and October month of July session)

- Bachelor/ Degree passed in any field or 3 years Technical Diploma approved by AICTE, with passed out certificate of Drishtee-CEEP in Diploma in Computer Application

Examination:-

Exams will be held twice the year in Month of –

July and January - Between 10th to 20th of month.

***Examination session for lateral entries will remain same as per there session enrollment**

- Each candidate will be eligible for exam on completion of each semester.
- Assignments and Project has to be submitted pre hand before passwords are generated.
- Password will be assigned only once per session and will be conducted online at supervised centre's of Drishtee.
- If any student misses out the examination in assigned scheduled, S/he will be charged penalty of Rs.350 and will attempt for exam in next session exam schedule.

Fee Structure

Total Fees (Yearly mode) – Rs.12000

Semester I - Rs.6000 Semester II - Rs.6000

Revenue Sharing between Franchisee and Drishtee - 70:30 %

Fees are excluding Books, Students can refer books from any source, or purchase from Drishtee at discounted price.

Modules**Semester I**

Core Module	Detailed Modules	Duration
Computer Fundamentals and Applications	Introduction to Computers Computer Organization Operating System Ms-Office (Word, Excel, PowerPoint) IT Applications	3 Months
Programming and Data Structure	Programming Concept Introduction to C Programming Concept of Data Structure Query, Linked list, TREES, Algorithm, Sorting and Graphs	1 Month
Introduction to RDBMS	Database Concepts (DBMS and RDBMS) Overview of SQL Server Working with SQL 2008 Understanding Transactions, Locking and Error handling Indexing, Partitioning and Resource Governance	2 Months
Assignment		

Semester II

Core Module	Detailed Modules	Duration
Computer Network	Networking Transmission Technology Overview of TCP/IP Network Security	0.5 Month
Internet Concept and Web Designing	Introduction to Internet, Internet technology and Protocol World Wide Web, Browsers, E-mail File Transfer Protocol, Web Publishing, HTML Multimedia and Graphics Internet management security concepts	1 Month
System Analysis and Design	System Concepts System development life cycle System planning, Cost benefit analysis Tools of Structured analysis, I/O and Form design Management and Documentation standards System testing and Quality and Security	0.5 Month
Programming (Any one)	ASP.NET - Overview of ASP.NET Framework, controls and Applications - State management - Database accessing on web applications - web services JAVA -Overview of Java -Operators -Inheritance, Arrays, Threads -Local and Remote Applets Vs Applications OOP and C++ -Overview of C++ - Classes and Objects - Array, Constructor and De-constructor, Function and Operator Overloading, Inheritance - Virtual Function and Polymorphism - C++ I/O system Basics	3 Month
Project	Internship*	1 Month

* Candidate scoring above 70% grades in Ist Semester will be provided opportunity to attempt 1 month training internship with Drishtee.

Books (in syllabus order)

1. **IT Tools and Applications** – Pragma Publications By- A.Mansoor
2. **Programming in C** - Pragma Publications By- Rakesh Kumar Thakur, Mohit Mathur
3. **Introduction to Data Structure** - Pragma Publications By- S.K.Pandey
4. **SQL Server 2008** – Dremtech Press By- Kogent Learning Solution Inc.
5. **Insight into Computer Networks** - Pragma Publications By- Sameer Bharti
6. **Internet and Web Designing** - Pragma Publications By- A.Mansoor
7. **System Analysis and Design** - Pragma Publications By- A.Mansoor
8. **Introduction to ASP.net**- Pragma Publications By- Sameer Bharti
9. **Concept of Programming in JAVA**- Pragma Publications By- A.Mansoor, Sameer Bharti
10. **Insight in OOP and C++** - Pragma Publications By- A.Mansoor, Sameer Bharti

-- Introductory Offer --

- 10% Cash discount on students fees
- One set of books free per 10 student registrations for franchisees