DIBITS ^{SM}

Diploma in Basic IT Skills

Duration: 9 Months

Diploma in Basic IT Skills (DIBITS) program is an elementary level program for those who are interested in system programming. This program is also useful for B.Sc. (IT). Engineering students who have these topics in their syllabus. The student has to prepare assignments during the DIBITS program and on successful completion would be awarded a certificate.

Career Opportunities: Junior Programmer, Application Developer, Senior Programmer, Database Administrator, Work as a Freelancer. The course gives career readiness for Software Development in IT industry.

The Best Program For IT Rookies ^{TM}

Program Contents

Module-1 Certificate Course in System Programming

C Programming	Functions / Pointers	Conversion Types / Abstract Class	Decision Making & Looping
Introduction to C	Data Structures / File Handling	File Input / Output	List / Tuples / Dictionary
Data Types	**C++ Programming**	Class Templates	Functions and Modules
Expressions and Operators	Introduction to C++	Exception Handling / Data Structures	Files Input / Output
Control Statements	OOPS Concepts	**Python Programming**	Exceptional Handling
Switch / Loops / Arrays	Constructor / Functions	Basic Python Syntax	Class and Object / GUI Programming
Strings and Integer	Operators / Classes	Data Types & Operators	Database Access / Multithreading

Module-2 Certificate Course in Database Management

Visual Basic Programming	OOPS with Class Modules	**SQL Server**	Using Aggregate Functions
Introduction to Visual Basic	Interacting with Data	Introduction to SQL Server	Constraints
Windows Event	Understanding ADO	Databases and types	Working with Views
Controls and Properties	Multi Dimensional Arrays	Using DDL / DML	Stored Procedures
Visual Basic Data Types	Creating ActiveX Controls	Simple Queries	Triggers
GUI Controls	Creating DLLs and EXEs	Sub-Queries	Import / Export
Interacting with Files		Queries using Joins	

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