

Dot Net Internship & Training Syllabus

Dynode Edu. Services

Presented by

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About us

Dynode Edu Services is an Education System Technically Supported by Dynode Software Technology (P) Ltd. Its mission is to Build up an Echo System in Bihar for the Development of Fresh Graduate/Post Graduate (Computer Science) as a Software Programmer. It provides a Great Opportunity for Students who have done their Graduation/Post Graduation in Computer Science or having a Basic Knowledge of Computer Programming.



Dynode Edu Services being the best .Net training Institute gives .Net training to its students; with the assistance of our IT Proficient Faculty having +15 years of Industrial Experience taking care of live projects in this Sector. Students deciding on this course will get a presentation to the rundown above, with live examples and practical applications. Students after the completion of the .Net training class will get 100% Job placement assistance.

DOT NET SYLLABUS

DURATION	3 MONTHS
TOTAL HR	180 HRS
CLASS	5 DAYS IN A WEEK
CLASS DURATION	PER DAY 3 HRS APPROX.
COURSE FEES	RS.20,000/-

DATABASE TECHNOLOGIES (15 HOURS)

- **Introduction to DBMS**
- **Types and Components of DBMS**
- **Advantages of DBMS**
- **Database Design**
- **Data Models**
- **Client/Server Computing**
- **RDBMS Technologies**
- **Normalization Techniques**
- **Types of Relationships**
- **Database Creation**
- **User Creation and Management**
- **DDL, DML and DCL**
- **Tables, Indexes and Views**
- **Structured Query Language (SQL)**
- **Advanced Queries and Sub Queries**
- **Stored Procedures**

Foundations of Web Technologies (15 Hours)

- **Web Programming concepts**
- **HTML Introduction**
- **HTML Programming using CSS**
- **Difference between HTML and DHTML**
- **JavaScript Introduction**
- **How to use JavaScript in HTML page**
- **Introduction and programming using Ajax And XML**

VB.NET (40 Hrs)

- **Web Programming concepts**
- **HTML Introduction**
- **HTML Programming using CSS**
- **Difference between HTML and DHTML**
- **JavaScript Introduction**
- **How to use JavaScript in HTML page**
- **Introduction and programming using Ajax And XML**

Foundations of Web Technologies (15 Hours)

- **Dot Net Architecture**
- **Creating Applications with Visual Basic.NET**
- **Variables, Constants, and Calculations, Loops**
- **Enumerations**
- **Validation, Sub Procedures and Functions**
- **Classes & Structs,**
- **Multiple Forms, Standard Modules, and Menus, Arrays**
- **File Handling, Exception Handling**
- **Database Connection With UI**
- **Data Table, Datasets, Data Binding To Controls**
- **Data sets, Data Adapter**
- **Advance Database Programming using ADO.net**
- **Custom Controls**
- **Debugging (debugging setup, debug setting, Breakpoints, Stepping, Toolbar)**
- **Data Grid Report**
- **Working with Crystal Report**
- **Manipulating XML**
- **JSON - JavaScript Object Notation**
- **Web Services, SMS Integration, Email Integra**

C# Technology (20 Hours)

- **C# Basics**
- **Error Handling (Exceptions Handling)**
- **Inheritance & Polymorphism**
- **Delegates and Events**
- **Interfaces & Abstract Classes**
- **Collections and Data Structures**
- **Generics and Iterators**
- **Multithreading Programming**
- **Debugging (debugging setup, debug setting, Breakpoints, Stepping, Toolbar)**
- **File Handling, Win Forms**
- **Database Connectivity**
- **Advanced Database Programming using ADO.net**

ASP.NET (30 Hrs)

- Introduction to ASP
- Building a Web Application,
- ASP.NET Web Forms
- ASP.NET Web Pages and Web Controls
- ASP.NET Server Controls
- Web Forms Standard Controls
- Web Forms Login Controls
- Server Control Events
- Validating Form Input Controls using Validation Controls
- User Controls in ASP.NET
- Creating a Layout Using Master Pages
- Data Access with ADO.NET
- ASP.NET Configuration
- ASP.NET Web Application Security
- Web Services
- Using Crystal Reports in Web Forms

❖ Project To Take Home (20 Hrs)

❖ Live Project (40 Hrs)

Contact Details

Dynode Edu Services

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