

DOT NET SYLLABUS

❖ Object Oriented Programming

❖ Basic
Principles
Object
Class
Abstraction
Encapsulation
Inheritance
Polymorphism
Overloading



Components

CTS

CLS

CLR

FCL

ADO

Window

GAC

Build,

CLR

Primiti

Reference

Nullable

Constant

Properties

Generics

Interfaces

Working

Enums,

Assembly

Serialization

Exception

Ty

Control

Use of try, catch, finally, throw, throws in Exception Handling.
In-built and User Defined Exceptions



5.

Collection

List,

IEnumerable, IList, IQueryable

Dictionary,

Collections

Hashtable



6.

Thread

Foreground,

Multithreading

Asynchronous Operations using threads

Background

Threading

Basics

Threads

concepts



7.

Basics

Controls

Execution

Event

Assignments

of

Windows

Winforms

in

Driven

Forms

programming

Winforms

flow

programming



8.

Basics

ADO

Connectivity

Connected

Dataset,

XSD

&

ADO

of

.Net

to

Datatable,

Disconnected

.Net

RDBMS

Classes

Database

Architecture

DataReader



9.

Introduction

Why

IIS

to

ASP

ASP

Web

.Net

Applications

.Net?

ASP
Page
Front
User
Custom
Master

end

.Net
Life
and

Code

Pipeline
Cycle
Behind
Controls
Controls
Pages