

Certificate Course in ASP.NET

2021-22



Organized by

PG DEPARTMENT OF COMPUTER SCIENCE

NAM COLLEGE KALLIKKANDY

CERTIFICATE COURSE IN ASP.NET

Offered by

PG Dept.of Computer Science

CERTIFICATE COURSE IN ASP.NET

REGULATIONS AND SYLLABUS:

REGULATIONS:-

1. Description of course/objective of the course:

This course is designed to students to do web development using asp.net.

2. Duration of the Course:

30Hours

3. Classification of successful candidate

Successful candidates shall be declared to have passed in the model examination.

A candidate who has passed the examinations shall be eligible to receive the “CERTIFICATE COURSE IN ASP.NET” .

SYLLABUS:

Day	Chapter	Topics
Day 1	<ul style="list-style-type: none">● Introduction to web technologies	<ul style="list-style-type: none">● What is Web site● Features of web sites● Usage of the web sites● Types of Web Sites (Static & Dynamic)● Difference between static & dynamic web sites● What is Designing & Web Development
Day 2	<ul style="list-style-type: none">● HTML Introduction	<ul style="list-style-type: none">● What is HTML● What is Tag?● Types of Tags with Syntax.● What is Attributes?● HTML Page Structure● Rules to be followed in HTML● Writing a Sample HTML page
Day 3	<ul style="list-style-type: none">● Body tag● Heading tags● Paragraph tag● Pre tag● Text formatting tags● Entities	<ul style="list-style-type: none">● <body> syntax● <h1>, <h2>, <h3>, <h4>, <h5>, <h6> syntax & with example● <p> syntax & with example● <pre> syntax & with example● , <i>, <u>, , , <sub>, <sup>, <small>, <big>, ... & with example● &copy;, &tm;, &reg; ... & with example
Day 4	<ul style="list-style-type: none">● tag● <hr> tag● List tags	<ul style="list-style-type: none">● Syntax & with example.

- <table> tag

- <hr> syntax & with example.
- **List Tags:** , , <DL> Syntax & with example.
- **<table> tag** Syntax & with example.
- How to create customized tables.

Day 5

Creating forms:

- <form> tag
- <input> tag
- <select> tag
- <textarea> tag

- <form> tag features & syntax
- <input> tag syntax & with example
- Creating List & Drop down list controls using <select> tag
- How to create multiline text entry controls using <textarea> tag

Day 6

- How to create Hyper links.
- How to insert images in web pages.
- How to create frames.

- <a> anchor tag syntax & examples on creating locale links, e-mail links, named links & external links.
- tag Syntax & with example.
- Creating frames with <iframe>, <frameset> and <frame> tag .

Day 7

ASP.NET Introduction

- What is Scripting
- Client & Server Side Scripting.
- Scripting Languages Introduction
- What is ASP?
- What is ASP+?
- What is ASP.net
- ASP.NET Features.

Day 8

ASP.NET Application
Creation

- Creating Web Site
 - What is Web Form
 - Standard Controls
- Introduction
- Hyperlink, Button web
- Server Controls

Day 9

● Standard Controls

- Label,
- Literal
- TextBox ,
- Calendar,

Day 10

Standard Controls

Dropdown List

- Listbox
- Checkbox List
- RadioButtonList
- Bulleted List

View and MultiView control

- Adrotator Control
- Image and ImageMap Control.

FileUpload control.

- Panel control.
- Placeholder control.

Day 11

Validation Controls

Validating Form with
Validation Controls of
Asp.net
Using RequiredFieldvalidator
control
Using CompareValidator
Control Using
RangeValidator Control
Using CustomValidator
control
Create Server-side / Client-
side functions for –
CustomValidator Control

Day 12	Sample Webpage Creation	Create a webpage – Registration
Day 13	Master Pages	What is Master Pages. Working on Master Pages.
Day 14	Web Services	What is Web Services Working on Web Services.
Day 15	Web.config File	What is Web.config File Working on Web.config File.
Day 16	Sample Website	Creation of Small sample website