

TIMETABLE

November 21 – 25, 2022

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11	Role-Based Authentication in ASP.NET MVC	File Management in ASP.NET MVC	Notifications in ASP.NET MVC	Revisions	Projects
	12	LINQ Operators	Introduction to EntityFramework core Development Approach with Entity Framework	CRUD Operations in EF core	Querying in Entity Framework Eager Loading and Lazing Loading in EF core	Projects
	13	Cascade assignment Conditional operator, bitwise operator and other operators	String Methods Revision on Assignments	Conditional Statements (if and else if) Nested if statements	Loops While loops Do while	Introduction to Arrays Declaration and initialization
Break						
2 – 5 PM	11	Introduction to JavaScript JavaScript comments and Statement	JavaScript Datatypes And operators	JavaScript conditional Statement	JavaScript loops	Projects
	12	Project Presentation	Entities and Relationships Between Entities in Entity Framework	Introduction to Asynchronous Programming in EF core	Introduction to ASP.NET MVC ASP.NET MVC File and Folder Structure	Projects
	13	Type conversion and Casting Conversion to String	Custom formats for numbers, Dates And strings Parsing Numbers	Conditional Statements (switch-case)	For loops Foreach loop Nested loop	Accessing and iteration through the elements of an array
REMARKS						

TIMETABLE

November 27 – December 2, 2022

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11	Introduction to ASP.NET Web API	ASP.NET Core Web API Files and Folders CRUD Operations in ASP.NET Web API	Introduction to HTTP (HyperText Transport Protocol) HTTP Status Codes	Controller Action Return Types in ASP.NET Core Web API	Projects
	12	ViewData, ViewBag and TempData in ASP.NET MVC	Attribute Routing in ASP.NET MVC	Action Results in ASP.NET MVC	Introduction to HTML HTML Tags and Elements	Projects
	13	Multidimensional arrays Initialization and accessing the elements	Revision on Arrays	Numeral Systems	Methods -(Parameters and Return Type) Methods -(Value vs Reference)	Recursion (Recursive methods)
Break						
2 – 5 PM	11	JavaScript functions	JavaScript recursive functions	JavaScript events and promise	Exception handling in JavaScript	Projects
	12	Routing in ASP.NET MVC Route Constraints in ASP.NET MVC	Model Binding in ASP.NET MVC	HTML Helpers in ASP.NET MVC	Attributes in HTML Forms and Tables in HTML	Projects
	13	Jagged Arrays	Revision on Arrays	Introduction to methods Methods - (The Basics)	Methods -(Overloaded methods)	Recursion
REMARKS						

TIMETABLE

December 5 – 9, 2022

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11	Middleware in ASP.NET Core Web API	Authentication with JWT token in ASP.NET Web API	Consuming API endpoints with JavaScript	Group Project	Group Project
	12	Authentication and Authorization in ASP.NET MVC	Session Authentication in ASP.NET MVC	Cookies Authentication in ASP.NET MVC	Token Authentication in ASP.NET MVC	Projects
	13	General Revisions	Introduction to the basic concepts of object-oriented programming.	Creating and using objects Accessing fields of an object	Static fields and methods Namespaces	Projects
Break						
2 – 5 PM	11	Routing in ASP.NET Core Web API Route Constraints in ASP.NET Core Web API	Revisions	Consuming API endpoints with JavaScript	Group Project	Group Project
	12	Introduction to CSS and syntax	CSS selectors	Class project on CSS	Class Project on CSS	Projects
	13	Assessments	Classes and Objects and Properties	Calling methods of objects	String Class, Math Class and Random Class	Projects
REMARKS						

TIMETABLE

December 11 – 16, 2022

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11	Group Project	Group Project	Group Project	Group Project	Group Project
	12	Role-Based Authentication in ASP.NET MVC	File Management in ASP.NET MVC	Notifications in ASP.NET MVC	Revisions	Projects
	13	Default Constructor and Constructor Overloading	Struct and Enum	Fundamental principles of OOP	Introduction to Linear Data Structures Non-generic collections	Projects
Break						
2 – 5 PM	11	Group Project	Group Project	Group Project	Group Project	Group Project
	12	Introduction to JavaScript JavaScript comments and Statement	JavaScript Datatypes And operators	JavaScript conditional Statement	JavaScript loops	Projects
	13	Modifiers and Access levels	Generic class and methods	Fundamental principles of OOP	Generic Collections	Projects
REMARKS						

TIMETABLE

December 18 – 23, 2022

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11	Final Project proposal Presentation				
	12	Introduction to ASP.NET Web API	ASP.NET Core Web API Files and Folders CRUD Operations in ASP.NET Web API	Introduction to HTTP (HyperText Transport Protocol) HTTP Status Codes	Controller Action Return Types in ASP.NET Core Web API	Projects
	13	Tuples and Nested Tuples	Introduction to File Handling Streams	Writing to files	Class Projects	Projects
Break						
2 – 5 PM	11	Final Project proposal Presentation				
	12	JavaScript functions	JavaScript recursive functions	JavaScript events and promise	Exception handling in JavaScript	Projects
	13	Tuples with Methods	Reading from Files	Exception handling	Class Projects	Projects
REMARKS						

TIMETABLE

January 9 – 13, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM						
	12	Middleware in ASP.NET Core Web API	Authentication with JWT token in ASP.NET Web API	Consuming API endpoints with JavaScript	Group Project	Group Project
	13	Introduction to Solid Principles	Anonymous methods and lambda Expression	Event and Timers	Introduction to Databases Installations	Projects
Break						
2 – 5 PM						
	12	Routing in ASP.NET Core Web API Route Constraints in ASP.NET Core Web API	Revisions	Consuming API endpoints with JavaScript	Group Project	Group Project
	13	Delegate and multicast delegate	Generic Delegate	Revisions	Introduction to SQL Basic SQL syntax and queries	Projects
REMARKS						

TIMETABLE

January 16 – 20, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12	Group Project	Group Project	Group Project	Group Project	Group Project
	13	Database design and relationships	Introduction to ADO.NET and SQL connection ADO.NET Connection Pooling	Class Projects	Introduction to LINQ	Projects
Break						
2 – 5 PM	11					
	12	Group Project	Group Project	Group Project	Group Project	Group Project
	13	Revisions	ADO.NET commands and SqlDataReader Transactions in ADO.NET	Class Projects	LINQ Operators	Projects
REMARKS						

TIMETABLE

January 23 – 27, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12	Final project proposal presentation	Final project proposal presentation	Final project proposal presentation	Final project proposal presentation	
	13	Introduction to EntityFramework core Development Approach	Relationships Between Entities in Entity Framework	Querying in Entity Framework Eager Loading and Lazing Loading	Bulk Insert, Update and Delete in Entity Framework	Projects
Break						
2 – 5 PM	11					
	12	Final project proposal presentation	Final project proposal presentation	Final project proposal presentation	Final project proposal presentation	
	13	Entities and Entity States in Entity Framework Context Class	CRUD Operations in EF core	Introduction to Asynchronous Programming in EF core	Introduction to ASP.NET MVC ASP.NET MVC File and Folder Structure	Projects
REMARKS						

TIMETABLE

January 30 – February 3, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13	ViewData, ViewBag and TempData in ASP.NET MVC	Attribute Routing in ASP.NET MVC	Action Results in ASP.NET MVC	Introduction to HTML HTML Tags and Elements	Projects
Break						
2 – 5 PM	11					
	12					
	13	Routing in ASP.NET MVC Route Constraints in ASP.NET MVC	Model Binding in ASP.NET MVC	HTML Helpers in ASP.NET MVC	Attributes in HTML Forms and Tables in HTML	Projects
REMARKS						

TIMETABLE

February 6 – 10, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13	Authentication and Authorization in ASP.NET MVC	Session Authentication in ASP.NET MVC	Cookies Authentication in ASP.NET MVC	Token Authentication in ASP.NET MVC	Projects
Break						
2 – 5 PM	11					
	12					
	13	Introduction to CSS and syntax	CSS selectors	Class project on CSS	Class Project on CSS	Projects
REMARKS						

TIMETABLE

February 13 – 17, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13	Role-Based Authentication in ASP.NET MVC	File Management in ASP.NET MVC	Notifications in ASP.NET MVC	Revisions	Projects
Break						
2 – 5 PM	11					
	12					
	13	Introduction to JavaScript JavaScript comments and Statement	JavaScript Datatypes And operators	JavaScript conditional Statement	JavaScript loops	Projects
REMARKS						

TIMETABLE

February 20 – 24, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13	Introduction to ASP.NET Web API	ASP.NET Core Web API Files and Folders CRUD Operations in ASP.NET Web API	Introduction to HTTP (HyperText Transport Protocol) HTTP Status Codes	Controller Action Return Types in ASP.NET Core Web API	Projects
Break						
2 – 5 PM	11					
	12					
	13	JavaScript functions	JavaScript recursive functions	JavaScript events and promise	Exception handling in JavaScript	Projects
REMARKS						

TIMETABLE

February 27 – March 3, 2023

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13	Middleware in ASP.NET Core Web API	Authentication with JWT token in ASP.NET Web API	Consuming API endpoints with JavaScript		
Break						
2 – 5 PM	11					
	12					
	13	Routing in ASP.NET Core Web API Route Constraints in ASP.NET Core Web API	Revisions	Consuming API endpoints with JavaScript		
REMARKS						

TIMETABLE**March 6 – 10, 2023**

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13					
Break						
2 – 5 PM	11					
	12					
	13					
REMARKS						

TIMETABLE**March 13 – 17, 2023**

Period	Batch	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 12 AM	11					
	12					
	13					
Break						
2 – 5 PM	11					
	12					
	13					
REMARKS						

