



Workshop on ASP.NET 2025

Organized by

Guru Ramdas Khalsa Institute of Science and Technology (MCA)

Barela, Kukrikheda, Jabalpur (M.P.), 483001

and

Indian Tech Corporation

211, Mohit Chamber, Wright Town, Jabalpur, 482002

Date: 1-3 August 2025

Registration Link: <https://forms.gle/iEsSwmqqaAgTUDDx8>

Course Outline

Day 1: Foundations of .NET and C# Programming

Date: 1st August 2025

Objective: To build a strong foundation in C# and understand the .NET ecosystem.

Session	Topic	Key Concepts
Session – I (10:30 AM - 11:30 PM)	Module 1: Introduction to Web Development & .NET	▪ How the web works (HTTP, DNS) ▪ Intro to HTML, CSS, JavaScript ▪ What is .NET & ASP.NET ▪ Overview of Visual Studio IDE
(11:30 PM - 11:45 PM)		
Session - II (11:45 PM - 12:45 PM)	Module 2: C# Fundamentals	▪ Data Types ▪ Variables and Operators ▪ Control Structures (if, else, switch ▪ Loops (for, while, do-while ▪ Introduction to Object-Oriented Programming (Classes & Objects)

Course Outline

Date: 2nd August 2025

Day 2: Building Web Applications with ASP.NET Core MVC

Objective: To connect the web application to a database

Session	Topic	Key Concepts
Session - I (10:30 AM - 11:30 PM)	Module 3: Introduction to ASP.NET	▪ Setting up an ASP.NET ▪ Site & Project ▪ IDE Environment ▪ Form and its Controls
Break (11:30 PM - 11:45 PM)		
Session - II (11:45 PM - 12:45 PM)	Module 4: Working with Forms	▪ Data Validation ▪ SQL Server 2008/12 ▪ Database Connectivity ▪ Database Operation – Insert, Delete, Update & Filter

Course Outline

Date: 3rd August 2025

Day 3: Data Persistence and Deployment

Objective: Operation on User Login, Session Management, and Document Upload, etc.

Session	Topic	Key Concepts
Session - I (10:30 AM - 11:30 PM)	Module 5: Advanced Working with Forms	▪ User Login and Logout ▪ Session Management ▪ Upload Control ▪ Data Grid View Control
Break (11:30 PM - 11:45 PM)		
Session - II (11:45 PM - 12:45 PM)	Module 6: Deployment & Next Steps	▪ Working with Template ▪ Concept of domain & Hosting ▪ How to deploy an ASP.NET Project