

March Progress Report**Roll No.: 73**

- (1) Full Name: **Khalasi Nishtha Pankajbhai**
- (2) Your total working days in this month: **24**
- (3) Leaves taken: **1**
- (4) Total working days of the Company in this month: **25**
- (5) Task completed in the month of **March 2025**
 - a. **Training of .NET**
 - i. Memory Management Using IDisposable Types
 - ii. Delegates and Its Types & Method Chaining using Delegate
 - iii. Concept of Callbacks & Predicate, Action and Func type delegates
 - b. **ASP.NET Core**
 - i. Client-Server Architecture & Http Request-Response Cycle
 - ii. Startup File and WebHost
 - iii. .NET Core Request Processing Pipeline, Middleware and Endpoints
 - c. **ASP.NET Core MVC**
 - i. Project Folder Structure of an ASP.NET MVC Web Application
 - ii. Working with Controller & Action Methods & Views
 - iii. Passing Values to Controller Action Methods
 - iv. View Rendering Process - ViewStart, ViewImports, Layout and Views
 - v. Routing
 - Defining Conventional Routing Endpoint
 - Attribute-based
 - vi. Passing Data from Controller to View: ViewData, ViewBag, TempData
 - vii. ActionResult: View, PartialView, Http Status Codes, Redirection, File
 - viii. Working Models
 - Model Classes & ViewModels
 - Handling Post Request for Insert and Update Operations
 - Model-ViewModel and ViewModel-Model Mapping
 - Model Binding
 - ix. Data Annotations and Validation
 - Data Annotation Attributes for Model Class Properties
 - ❖ Display, DisplayName, DataType, ScaffoldColumn
 - ❖ Required, MinLength, MaxLength, StringLength, Range, RegularExpression, Compare
- (6) Planning for the month of **April 2025**
 - a. Javascript & JQuery
 - b. Advanced .NET Programming

Signature of the Guide
(External)

Organization
Seal

Date