Name of the Teacher: SAKSHI GAUTAM Class: B.Voc (SD)-III

Sub: ASP.NET

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **02-31 Aug 2017** | Introduction to Microsoft ASP.NET, .NET Framework, An overview of .NET including the Common Language Interface, the Common Type System, the Common Language Runtime and .NET Framework and Class Libraries. Language and Platform Neutrality. An Introduction to Web Forms, The ASP.NET Execution Model.  ASP.NET Web Application User Interface: Creating an ASP.NET Web Application User Interface, Implementing Event Handlers by using Code-behind Files, Explain user input by using validation controls, Create and use user controls, Server-side Controls, Events. | **Blackboard Presentation** |
|  | **01-30 Sept 2017** | Managing State: The Various Means to Manage State, Request Object, Application Object, Cache Object, Session Object, Server-side State Management, Using Session for Server-side and Client-side State Management.  XML Web Services: Need of XML Web Services, Understanding the Web Service Model, Creating an ASP.NET Web Service, Creating and Consuming Web Services with Visual Studio .NET, Creating Web Services, Discovering Web Services, Instantiating and Invoking Web Services, Creating Web Reference Proxy for an XML Web Service, Consuming Web Services in both Windows Forms and Web Apps.  Creating a User Interface: Using Controls, Validating Data, Navigating Between Forms  Implementing Navigation for the User Interface: Round Trip and Post Back, State Management for User Navigation, Navigation between Pages | **Powerpoint Presentation** |
|  | **01-31 Oct 2017** | Storing and Retrieving Data with ADO.NET: ADO.NET Overview, Connecting to Data, Executing SQL with Commands, Accessing Data with ADO.NET, Fast Data Access with Data Readers, Data Set Basics, Filling Data Sets with Data Adapters, Using Data Sets on Web Forms, Processing Transactions;  Data Binding: Bind Data to the UI, Transform and Filter Data;  Security: Authenticating and Authorizing Users, Using Windows Authentication, Using Forms Authentication | **Written/Oral Test** |
|  | **01-13 Nov 2017** | Configuring, Tracing and Debugging Web Application: Configuring Files, Configuration Settings, Debugging Applications, Page-Level Tracing, Application-Level Tracing;  Using Caching Page: Output Caching, User Control Caching, Data Caching Handling Session State. | **Flipped Classes** |

**Topics of Assignments/ Class Tests to be given to the Students:**

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| **Assignment 1** | **ASP.NET Architecture, ASP.NET Execution Model** |
| **Assignment 2** | **Web Service Model, ADO.NET Overview** |
| **Class Test** | **Unit 1 and Unit 2** |

Name of the Teacher: SAKSHI GAUTAM Class: B.Voc (SD)-I

Sub: PC Software

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **02-31 Aug 2017** | MS-Windows: Operating System - Definition & Functions, Basics of Windows. Basic Components of Windows, Icons, Types of Icons, Taskbar, Activating Windows, Using Desktop, Title Bar, Running Applications, Exploring Computer, Managing Files and Folders, Copying and Moving Files and Folders. Control Panel - Display Properties, Adding and Removing Software and Hardware, Setting Date and Time, Screen Saver and Appearance using Windows.  Documentation using MS-Word – Introduction to Office Automation, Creating & Editing Document, Formatting Document, Auto-text, Autocorrect, Spelling and Grammar Tool, Document Dictionary, Page Formatting, Bookmark | **Written Practice** |
|  | **01-30 Sept 2017** | Advance Features of MS-Word-Mail Merge, Macros, Table, File Management, Printing, Styles, Linking and Embedding Objects, Template.  Electronic Spread Sheet using MS-Excel - Introduction to MS-Excel, Creating & Editing Worksheet, Formatting and Essential Operations, Formulas and Functions, Charts | **Practical Test** |
|  | **01-31 Oct 2017** | Advance Features of MS-Excel -Pivot Table & Pivot Chart, Linking and Consolidation. Database Management using Excel - Sorting, Filtering, Table, Validation, Goal Seek, Scenario. What- if Analysis. | **Written/Oral Test** |
|  | **01-13 Nov 2017** | Presentation using MS-PowerPoint: Presentations, Creating Manipulating & Enhancing Slides, Organizational Charts, Excel Charts, Word Art, Layering Art Objects, Animations and Sounds, Inserting Animated Pictures or Accessing Through Objects, Inserting Recorded Sound Effect, In Built Sound Effect. | **Written Practice** |

**Topics of Assignments/ Class Tests to be given to the Students:**

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| **Assignment 1** | **Operating System, Features of Windows, Features of Start Button** |
| **Assignment 2** | **Validation in MS-Excel, Creating, Manipulating & Enhancing Slides** |
| **Class Test** | **Unit 1 and Unit 2** |