

Rajarshi Shahu Mahavidyalaya, (Autonomous),
Latur Teaching Plan (Semester-II)
(March – 2021 to May-2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
1	B. Voc. FY [II Sem]	Dhanashri. V. Sharma	Computer Technology	U – PRW - 314 Programming for the Web (Skill Component)	60

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit - 1 HTML5 Why HTML5, Difference between HTML 4 and HTML5, Formatting text by using tags, Using lists and backgrounds. Creating hyperlinks and anchors, Creating tables, creating simple table, specifying the size of the table, specifying the width of the column, merging table cells, using tables for page layout, Formatting tables, applying table borders, applying background and foreground fills, changing cell padding, spacing and alignment,	15	12-03-2021 To 16-03-021 19-03-2021 To 23-03-021	PPT representation for Difference between HTML 4 and HTML 5	--

	creating user forms creating basic form, using check boxes and radio buttons creating lists, additional input types in HTML5, Incorporating sound and video, Audio and video in HTML5, HTML multimedia basics, embedding video clips, incorporating audio on web page, Image Mapping.		26-03-2021 To 30-03-2021	Implementation of all html5 elements	
2	Unit – 2 CSS 3 Introduction to CSS, how does CSS work? Syntax, identification and grouping of elements, selectors, colors, background, fonts, text, links, lists, tables. CSS Box model, Margin, Padding, Border, height and width, floating elements, positioning of elements, align, dropdowns, navigation bar, counters, Image gallery	15	03-04-2021 To 12-04-2021	PPT representation for CSS	Google Forms online MCQ Test-1 11-04-2021

3	<p>Unit – 3 Java Script</p> <p>Introduction to ClientSide Scripting, Introduction to Java Script, JavaScript Types, Variables in JS, Operators in JS, Conditional statements, Java Script Loops, JS Popup Boxes, JS Events, JS Arrays, Working with Arrays, JS Objects, JS Functions, Document and its associated objects, Document, Link, Area, Anchor, Image, Applet, Layer Events and Event Handlers, Using Java Script in Realtime, Validation of Forms.</p>	20	<p>24-04-2021 To 04-05-2021</p> <p>07-05-2021 To 11-05-2021</p> <p>15-05-2021 To 20-05-2021</p>	Implementation of JavaScript Program	--
4	<p>Unit -4 Web Hosting</p> <p>Web Hosting - What is Domain? Introduction to DNS, how to register a Domain? What is web hosting? How to get a web hosting? Host your website on web Server. FTP - FTP Introduction, FTP Commands Viewing Files and Directories, FTP Commands Transfer and Rename files, FTP with WS FTP/ CuteFTP, Filezilla on Windows.</p>	10	<p>21-05-2021 To 25-05-2021</p> <p>27-05-2021 To 29-05-2021</p>	--	Assignment on creating Web pages

Rajarshi Shahu Mahavidyalaya, (Autonomous),

Latur Teaching Plan (Semester-VI)

(March – 2021 to May-2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
1	B.VOC TY[VI]	Dhanashri. V. Sharma	Computer Technology	Data Visualization Tools	60

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I Tableau Desktop part I Creating Basic Visualizations, Creating Groups and Hierarchies, Bar chart, Geographic map, Crosstab report, Scatter plot, Line chart, Tableau Desktop UI, The Tableau product line, Workbook Windows, Visual cues, Tableau Prep, Connecting to Data Live connection, Extract data, combine data sources, Join tables, Blend data sources, Cross-database join, Filtering and Sorting data.	15	08/03/2021 To 13/03/2021 15-03-2021 To 20-03-2021 22-03-2021 To 24-03-2021	Installation of Tableau	Poster Presentation on Data Visualization

2	<p>Unit II Tableau Desktop Part II</p> <p>Creating Groups and Hierarchy, Date Functionality, Discrete and continuous dates, Fiscal dates, Mapping Geographic maps, filled maps, mapping options, Heat Map and Highlight Table, difference between heat map and highlight table, calculations, Histogram, Dashboards and Actions, Dashboard design, Dashboards, Dashboard actions Filtering and Sorting Data, sharing your Work Tableau data source, Tableau data extract, Tableau workbook, Tableau packaged workbook.</p>	15	<p>26-03-2021</p> <p>To</p> <p>31-03-2021</p> <p>03-04-2021</p> <p>To</p> <p>09-04-2021</p> <p>10-04-2021</p> <p>To</p> <p>17-04-2021</p>	Creating Visuals and Maps	--
3	<p>Unit III R Software Introduction</p> <p>Introducing to R – R Data Structures – Help functions in R – Vectors – Scalars – Declarations – recycling – Common Vector operations – Using all and any – Vectorized operations – NA and NULL values – Filtering – Vectorized if-then else – Vector Equality – Vector Element names</p>	15	<p>19-04-2021</p> <p>To</p> <p>24-04-2021</p> <p>26-04-2021</p> <p>To</p> <p>30-04-2021</p>	Installation of R Software	--
4	Unit: IV R Software: Graphs and Charts	15	<p>03-05-2021 To</p> <p>08-05-2021</p> <p>10-05-2021 To</p>	Creating Charts in R	

	Graphs and Charts Pie Charts, Bar Charts, Boxplots, Histograms, Line Graphs, Scatterplots		15-05-2021		Google Forms online MCQ Test- 2 14-04-2021
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Rajarshi Shahu Mahavidyalaya, (Autonomous),
Latur Teaching Plan (Semester-VI)
(March – 2021 to May-2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Subject	Paper	Total Lecturers:
1	B.VOC TY[VI]	Dhanashri. V. Sharma	Computer Technology	Programming in C#.net	60

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I Introduction to .net, Arrays & Operators What is .net, .net Framework, CLR, Visual Studio.net & .net Languages, Integrated Development Environment, Project types, c#.net History, Characteristics of c#, how c# differs from java, I/O Statement with C#.net, Boxing &	15	08-03-2021 To 10-03-2021 15-03-2021 To 17-03-2021	PPT representation on .net Framework Architecture	--
	Unboxing, Short Circuiting Operator, Defining classes, class members, creation of Object, Array & ArrayList class, Jagged Array, Hash Table, String Class.		17-03-2021 TO 23-03-2021		

2	Unit II Properties, Error Handling & Namespaces Properties & its type, Event, Delegate & Multicast Delegate, Thread, Exception handling, try catch block, using finally block, custom Exception, using keyword, creating and using namespaces, interface, Method overloading & method overriding, Partial Class.	15	23-03-2021 To 31-03-2021 01-04-2021 To 08-04-2021	Implementation of Program on Exception handling	Google Forms online MCQ Test-1 03-04-2021
3	Unit III GUI Programming (Windows Application) Event Driven Programming, Building windows application with visual studio TextBox, Label & Button Control, Combo Box, List Box, Check Box & Group Box Control DateTimePicker, Timer Control, Tree View, Building Menu, MDI Form, Picture Box, Progress Bar Control, Common Dialog boxes, Introduction to WPF	15	12-04-2021 To 15-04-2021 19-04-2021 To 27-04-2021 28-04-2021 To 04-05-2021	Implementation of Program on Windows based application.	--

4	Unit IV Database Programming How ADO.NET differs from ADO, Advantages of ADO.NET, Connected & Disconnected Architecture, DataSet, Data Reader & Data Adapter, Managed Data Providers, Data Grid View Control, Developing ADO.NET Based Application Insert, Update & Delete operation on table, Filling the DataSet.	15	05-05-2021 To 10-05-2021 11-05-2021 To 15-05-2021	Implementation of Database Connectivity	Google Forms online MCQ Test-1 13-05-2021
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