

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

Experiment # 1		
Name: Dhrumil Burad	Roll No: E009	Date of Conduction:- 22 / 12 /2022
Class:- B. Tech (CSBS)-VI	Division:- E	

Aim:

Create a static web pages using HTML that has

1. Home Page (Your CV)
2. Registration page (Without using form)

Registration Page

User Name :- _____

First Name :- _____

Last Name :- _____

Your Mobile :- _____

Your Email :- _____

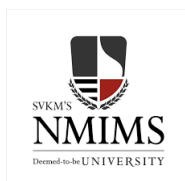
Password :- _____

Password :- _____

3. Contact Us page (To display address, mobile, email id etc)

Question 1: - Home Page (Your CV)

Create a webpage to display your Curriculum vitae (CV) as per following format with all required entries.



MBA TECH/B. TECH. COMPUTER ENGINEERING

Name: - Your Name

OBJECTIVE:

Write single line objective

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

EDUCATION:

Degree	Institute	Board/University	CGPA/Percentage	Year
B. Tech				Currently Pursuing
XII				2019
X				2017

Note: - if X & XII from same institute then use row span in institute column and If board is same for X & XII use row span in Board/University Column.

TECHNICAL SKILLS:

Domain	Details
Languages	
Web Designing	
Software	
Database	
Analytics	
Operating Systems	

KEY PROJECTS:

Project Title	Duration	Platform Used	Brief Description

TECHNICAL –PRESENTATION/WORKSHOPS/CERTIFICATION

- Program 1
- Program 2

TECHNICAL –WORK EXPERIENCE / INTERNSHIPS:

1. Internship 1
2. Internship 2

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

Prerequisites:-

- NIL

Outcomes:-

- Student will know about web browser & how it interprets web pages.
- Students will know about how to execute HTML file
- Students will get idea about basic tags of HTML.
- Students will get idea about how to work with HTML list, table and images.

Theory:-**What is HTML?**

HTML is a language for describing web pages. HTML stands for Hyper Text Markup Language. HTML is a markup language. A markup language is a set of markup tags. The tags describe document content. HTML documents contain HTML tags and plain text. HTML documents are also called web pages.

HTML Tags

HTML markup tags are usually called HTML tags. HTML tags are keywords (tag names) surrounded by angle brackets like <html>. HTML tags normally come in pairs like <p> and </p>. The first tag in a pair is the start tag, the second tag is the end tag. The end tag is written like the start tag, with a slash before the tag name. Start and end tags are also called opening tags and closing tags

HTML Element Syntax

An HTML element starts with a start tag / opening tag. An HTML element ends with an end tag / closing tag. The element content is everything between the start and the end tag. Some HTML elements have empty content. Empty elements are closed in the start tag. Most HTML elements can have attributes.

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

HTML Attributes

HTML elements can have attributes. Attributes provide additional information about an element. Attributes are always specified in the start tag. Attributes come in name/value pairs like: name="value".

Its good practice to follow following html format:-

```
<!DOCTYPE html>
<html lang="en-us">
<head>

    <meta charset="utf-8">
    <title> Title</title>
</head>
<body>

</body>
</html>
```

HTML Tags:-

List

- Unordered List

An unordered list starts with the **** tag. Each list item starts with the **** tag.

Example:

```
<ul>

    <li>Cricket</li>
    <li>Tennis</li>
    <li>Hockey</li>

</ul>
```

- Ordered List

An ordered list starts with the **** tag. Each list item starts with the **** tag.

Example:

```
<ol>

    <li>Cricket</li>
```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

<li>Tennis</li>
<li>Hockey</li>
</ol>

```

- Description List

<dl> tag defines the description list
<dt> tag defines the term (name)
<dd> tag describes each term

Example:

```

<dl>
    <dt>Static Web Page</dt>
    <dd>- Do not change frequently</dd>
    <dt>Dynamic Web Page</dt>
    <dd>- Created at run time</dd>
</dl>

```

- Nesting of list is also possible.

Tables

- An HTML table is defined with the **<table>** tag.
- Each table row is defined with the **<tr>** tag.
- A table header is defined with the **<th>** tag.
- By default, table headings are bold and centered.
- A table data/cell is defined with the **<td>** tag.
- **Example:**

```

<table >
<tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
</tr>
<tr>
    <td>Sachin</td>
    <td>Tendulkar</td>
    <td>40</td>
</tr>
<tr>
    <td>Rahul</td>
    <td>Dravid</td>
    <td>42</td>

```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

</tr>
</table>

Cell that Span Many rows (Rowspan)

```
<table style="width:100%">
  <tr>
    <th>Name:</th>
    <td>RAM Rao</td>
  </tr>
  <tr>
    <th rowspan="2">Mobile:</th>
    <td>123456</td>
  </tr>
  <tr>
    <td>654321</td>
  </tr>
</table>
```

Images

- Images help to make web page look attractive.
- We should always use images in jpg, gif or png, as browser supports these format.
- HTML images are defined with the **** tag.
- **Example**

```

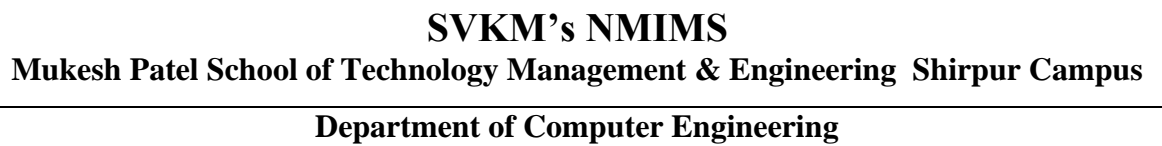
```

- The compulsory attribute for **** tag is **src** to specify URL of the image
 - o **alt** stands for Alternate Text – If the browser is not supporting Images it display the value of ALT .
 - o **height** and **width** specify the height and width of the image.
- Img also has following attributes
 - o Hspace – specifies the amount of space to left and right of image.
 - o Vspace – Specifies the amount of space to top and bottom of an image.
 - o Border – Specifies border around an image.
 - o Align – Defines the alignment of image.
- **Example:-**

```

```





Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

Instructions:-

1. Write html code in Note Pad & save with .html extension.
2. Execute using Web Browser.
3. Copy and Paste code as well as output (Print Scrn of output) in Part B

PART B

Experiment # 1		
Name: Dhrumil Burad	Roll No: E009	Date of Conduction:- 22 / 12 /2022
Class:- B. Tech (CSBS)-VI		Division:- E

CODE:

- **HOMEPAGE:**

```
<!DOCTYPE html>

<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>Practical 1</title>
    <meta name="description" content="">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="">
</head>

<body>
    <br>
    <br>
    <p align="center"><a href="./prac1homepage.html">MY CV</a><a> &nbsp; &nbsp; &nbsp; 
&nbsp; &nbsp; </a> <a
        href="./prac1regispage.html">Registration
```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

        page</a> <a>       </a> <a
href="./prac1contact.html">Contact us</a>
</p>
<br>
<br>
<div align="center" id="logo">
    
    <br>
    <br>
    <strong> B.TECH. COMPUTER SCIENCE BUSINESS SYSTEMS</strong>
    <br>
</div>
<div>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<strong>
    <h3> <u> Name:</u> </h3>
    </strong>Dhrumil Burad</div>
<div>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<strong>
    <h3 width="30px"> <u>Objective:</u> </h3>
    </strong> &nbsp;&nbsp;&nbsp;Pursuing Bachelor of Technology (Hons.) in field of
    Computer Science with a specialization in Business Systems
</div>
<h3><u>Educational qualifications:</u></h3>
<table border="2px" cellspacing="0" cellpadding="5px">
    <tr align="center">
        <th>Degree</th>
        <th>Institute</th>
        <th>Board/University</th>
        <th>CGPA/Percentage</th>
        <th colspan="2">Year</th>
    </tr>
    <tr align="center">
        <th>B.tech(Pursuing sem IV)</th>
        <td>MPSTME, Mumbai</td>
        <td>NMIMS University</td>
        <td>3.60/4</td>
        <td>2020</td>
        <td>2024</td>
    </tr>
    <tr align="center">
        <th>Class XII</th>
        <td rowspan="2">Podar International School, Ahmedabad</td>
        <td rowspan="2">CBSE</td>
        <td>88.4%</td>
        <td>2019</td>
    </tr>

```


Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

        <td>2020</td>
    </tr>
    <tr align="center">
        <th>Class X</th>

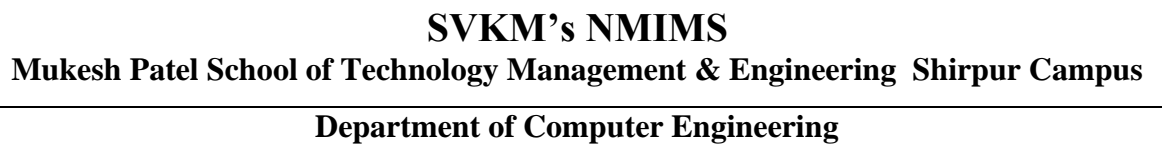
        <td>81.2%</td>
        <td>2017</td>
        <td>2018</td>
    </tr>
</table>
<br>
<h3><u>Technical Skills:</u></h3>
<table border="2px" cellspacing="0" cellpadding="5px">
    <tr>
        <th>Domain</th>
        <th>Proficient in</th>
        <th>Familiar with</th>
    </tr>
    <tr>
        <th>Languages</th>
        <td>C++, HTML, CSS</td>
        <td>C, Java, Python, JavaScript</td>
    </tr>
    <tr>
        <th>Libraries and Frameworks</th>
        <td>Pandas, Numpy, Matplotlib</td>
        <td>Sklearn, seaborn</td>
    </tr>
    <tr>
        <th>Software</th>
        <td>Visual Studio Code, Code Blocks, NetBeans 8.0, <br>
            Adobe Illustrator, Canva, OBS studio, Camtasia, Jupyter<br>
            Notebooks, power director, FilmoraGo, Microsoft word,
            <br> Microsoft PowerPoint, Turbo C++, JFLAP, Pycharm
        </td>
        <td>Adobe Photoshop, Blender, TASM, <br>
            Star UML, Anaconda navigator, Microsoft Excel</td>
    </tr>
    <tr>
        <th>Concepts</th>
        <td>Business communication and value sciences,
            <br> Software engineering, Software Design UML
        </td>
    </tr>

```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

        <td>Object Oriented Programming, Front end Web development<br>
        Data structures and algorithms</td>
    </tr>
</table>
<br>
<h3><u>Key projects:</h3></u>
<table border="2px" cellspacing="0" cellpadding="5px">
    <tr>
        <th>YEAR</th>
        <th>Project Title</th>
        <th>Software/ Tools/ Platforms</th>
        <th>Brief Description</th>
    </tr>
    <tr>
        <td>2021</td>
        <td>Online Shopping System</td>
        <td>Repl.it</td>
        <td>A group project wherein we made an online shopping system on
        repl.it using concepts of C++ and file
            handling.<br> It was a menu driven program where administrator
        had the options to update the item
            database and user <br>had options to view items, Add items to
        cart, view cart and payment</td>
    </tr>
    <tr>
        <td>2021</td>
        <td>The Streaming platform</td>
        <td>Visual studio code, Brave browser, Code Blocks</td>
        <td>In this project we made a dummy streaming platform using HTML,
        CSS and C++. The user could register or
            login <br>to the platform and then had options to choose a
        subscription and make payment. A SRS was made
            for the whole <br>project according to which code was
        implemented</td>
    </tr>
    <tr>
        <td>2022</td>
        <td>Multifunctional Pose Estimator Workout Guider </td>
        <td>Jupyter, Python, Collab,</td>
        <td>Developed a multifunctional pose estimator as a workout guide to
        track exercise repetitions. It uses
            human pose<br> estimation to track users' bodily motions. This,
        in turn, maintains track of exercise
    </td>
    </tr>
</table>
    
```



Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

[illegible]

- REGISTRATION PAGE:

```
<!DOCTYPE html>
```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

<html>

<head>
  <title>Practical 1 Registration page</title>
  <meta name="description" content="">
</head>

<body align="Center">
  <br>
  <br>

  <p align="center"><a href="./prac1homepage.html">MY CV</a><a> &nbsp; &nbsp; &nbsp;
&nbsp; &nbsp; </a> <a
    href="./prac1regispage.html">Registration
    page</a> <a> &nbsp; &nbsp; &nbsp;
    &nbsp; </a> <a href="./prac1contact.html">Contact us</a></p>

  <table border="2" cellspacing="0" cellpadding="0px" align="center">

    <tr align="left">
      <th>
        <h2> &nbsp; Registration Page</h2>
      </th>
    </tr>

    <tr align="left">
      <td>
        <h4> &nbsp; User Name: &nbsp;
          _____</h4>
        </td>
      </tr>
      <tr align="left">
        <td>
          <h4> &nbsp; First Name: &nbsp;
            _____</h4>
        </td>
      </tr>
      <tr align="left">
        <td>
          <h4> &nbsp; Last Name: &nbsp;
            _____</h4>
        </td>
      </tr>
    </tr>
  </table>

```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

</tr>
<tr align="left">
  <td>
    <h4> &nbsp; Your Mobile: &nbsp;
    _____</h4>
  </td>
</tr>
<tr align="left">
  <td>
    <h4> &nbsp; Your Email: &nbsp;
    _____</h4>
  </td>
</tr>
<tr align="left">
  <td>
    <h4>&nbsp; Password: &nbsp;
    _____</h4>
  </td>
</tr>
<tr align="left">
  <td>
    <h4>&nbsp; Re-enter Password: &nbsp;
    _____</h4>
  </td>
</tr>
</table>
</body>
</html>

```

- **CONTACT PAGE:**

```

<!DOCTYPE html>

<html>

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <title>Practical 1 Contact Page</title>
  <meta name="description" content="">

```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="">
</head>

<body>
  <br>
  <br>

  <p align="center">
    <a href="/pract1homepage.html">MY CV</a><a> &nbsp; &nbsp; &nbsp; </a>
    <a href="/pract1regispage.html">Registration page</a><a> &nbsp; &nbsp; &nbsp;
&nbsp; </a>
    <a href="/pract1contact.html">Contact us</a>
  </p>
  <table border="0px" cellspacing="0" cellpadding="5px" align="center">
    <tr align="center">
      <td colspan="2">
        <h1>My Contact Details:</h1>
      </td>
    </tr>
    <tr align="left">
      <td>
        <h3><span>Name:</span></h3>
      </td>
      <td align="left">Dhruvil Burad</td>
    </tr>
    <tr align="left">
      <td>
        <h3><span>Phone number:</span></h3>
      </td>
      <td align="left">9898989898</td>
    </tr>
    <tr align="left">
      <td>
        <h3><span>Email.id:</span></h3>
      </td>
      <td align="left">dhrumilburad@gmail.com</td>
    </tr>
    <tr align="left">
      <td>
        <h3><span>Address:</span></h3>
      </td>
      <td align="left">NMIMS,MUMBAI</td>
    </tr>
  </table>

```

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

```

</tr>
<tr align="left">
  <td>
    <h3><span>Social media handle:</span></h3>
  </td>
  <td align="left"><a href="#">LinkedIn</a></td>
</tr>
</table>

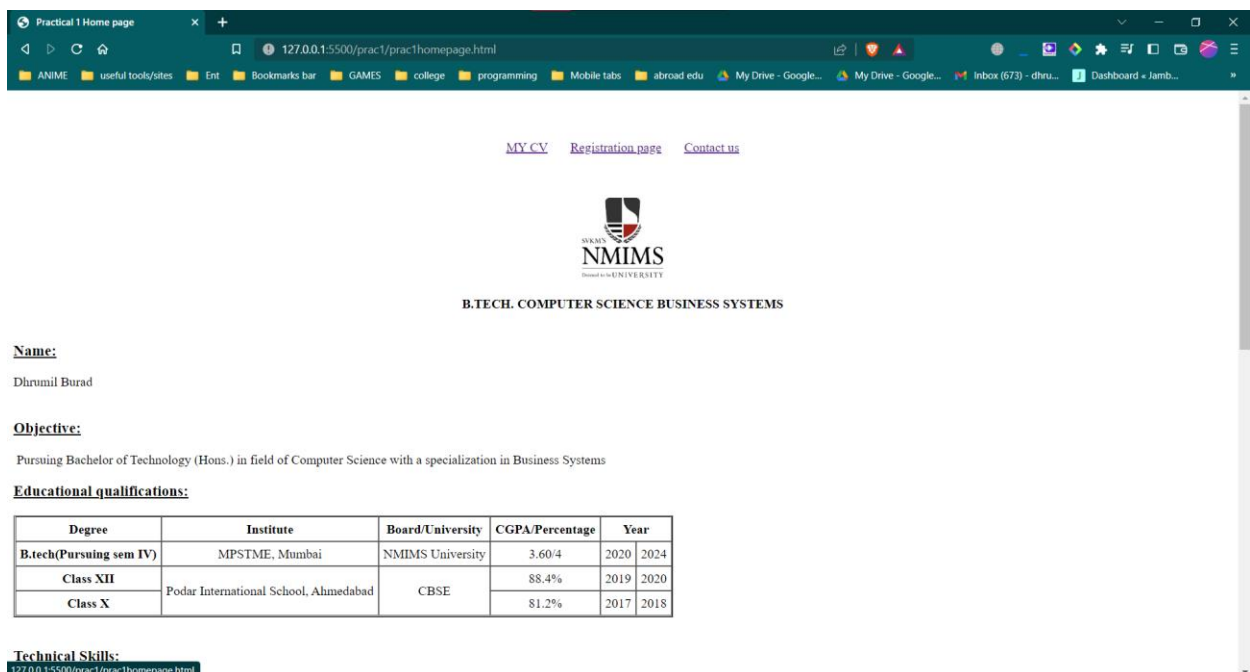
</body>

</html>


```

Output

• HOMEPAGE



[MY CV](#) [Registration page](#) [Contact us](#)



B.TECH. COMPUTER SCIENCE BUSINESS SYSTEMS

Name:
Dhirumil Burad

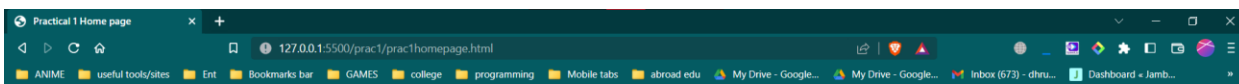
Objective:
Pursuing Bachelor of Technology (Hons.) in field of Computer Science with a specialization in Business Systems

Educational qualifications:

Degree	Institute	Board/University	CGPA/Percentage	Year
B.tech(Pursuing sem IV)	MPSTME, Mumbai	NMIMS University	3.60/4	2020 2024
Class XII	Podar International School, Ahmedabad	CBSE	88.4%	2019 2020
Class X			81.2%	2017 2018

Technical Skills:
127.0.0.1:5500/prac1/prac1homepage.html

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6



Technical Skills:

Domain	Proficient in	Familiar with
Languages	C++, HTML, CSS	C, Java, Python, JavaScript
Libraries and Frameworks	Pandas, Numpy, Matplotlib	Sklearn, seaborn
Software	Visual Studio Code, Code Blocks, NetBeans 8.0, Adobe Illustrator, Canva, OBS studio, Camtasia, Jupyter Notebooks, power director, FilmoraGo, Microsoft word, Microsoft PowerPoint, Turbo C++, JFLAP, Pycharm	Adobe Photoshop, Blender, TASM, Star UML, Anaconda navigator, Microsoft Excel
Concepts	Business communication and value sciences, Software engineering, Software Design UML	Object Oriented Programming, Front end Web development Data structures and algorithms

Key projects:

YEAR	Project Title	Software/ Tools/ Platforms	Brief Description
2021	Online Shopping System	Repl.it	A group project wherein we made an online shopping system on repl.it using concepts of C++ and file handling. It was a menu driven program where administrator had the options to update the item database and user had options to view items, Add items to cart, view cart and payment
2021	The Streaming platform	Visual studio code, Brave browser, Code Blocks	In this project we made a dummy streaming platform using HTML, CSS and C++. The user could register or login to the platform and then had options to choose a subscription and make payment. A SRS was made for the whole project according to which code was implemented
2022	Multifunctional Pose Estimator Workout Guider	Jupyter, Python, Collab,	Developed a multifunctional pose estimator as a workout guide to track exercise repetitions. It uses human pose estimation to track users' bodily motions. This, in turn, maintains track of exercise repetitions and detects incorrect body positions while performing the exercise and also suggests how you should correct the form.

TECHNICAL -PRESENTATION/WORKSHOPS/CERTIFICATION

- JavaScript, NodeJS and ReactJS, Ocufox Technologies in association with MPSTME, July 2022
- HTML Essential Training, LinkedIn Learning, May 2022
- Cold Calling: The First Seven Seconds, LinkedIn Learning, May 2022



Key projects:

YEAR	Project Title	Software/ Tools/ Platforms	Brief Description
2021	Online Shopping System	Repl.it	A group project wherein we made an online shopping system on repl.it using concepts of C++ and file handling. It was a menu driven program where administrator had the options to update the item database and user had options to view items, Add items to cart, view cart and payment
2021	The Streaming platform	Visual studio code, Brave browser, Code Blocks	In this project we made a dummy streaming platform using HTML, CSS and C++. The user could register or login to the platform and then had options to choose a subscription and make payment. A SRS was made for the whole project according to which code was implemented
2022	Multifunctional Pose Estimator Workout Guider	Jupyter, Python, Collab,	Developed a multifunctional pose estimator as a workout guide to track exercise repetitions. It uses human pose estimation to track users' bodily motions. This, in turn, maintains track of exercise repetitions and detects incorrect body positions while performing the exercise and also suggests how you should correct the form.

TECHNICAL -PRESENTATION/WORKSHOPS/CERTIFICATION

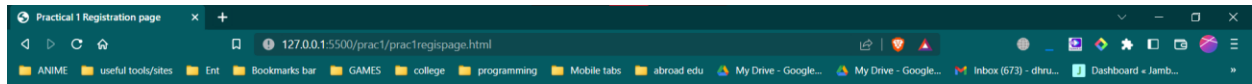
- JavaScript, NodeJS and ReactJS, Ocufox Technologies in association with MPSTME, July 2022
- HTML Essential Training, LinkedIn Learning, May 2022
- Cold Calling: The First Seven Seconds, LinkedIn Learning, May 2022
- Learning to Say No with Confidence and Grace, LinkedIn Learning, January 2022
- edX Verified Certificate for Python Basics for Data Science, IBM, June 2021
- edX Verified Certificate for Preparing to Network in English, UWashingtoX, June 2021
- Udemy: Adobe Illustrator 2021 Ultimate Course, Learn Tech Plus, June 2021

TECHNICAL -WORK EXPERIENCE / INTERNSHIPS:

- Internshala Student Partner 3 months| Feb, 2021 to April, 2021 | 2nd Sem
- Henry Harvin Official Skill Ambassador 2 months| April, 2021 to May, 2021 | 2nd Sem

Instructor Manual	Lab Manual (Part-A)	Academic Year- 2022-23
Year:-Third	Subject:- MODERN WEB APPLICATIONS	Semester:- 6

• REGISTRATION PAGE

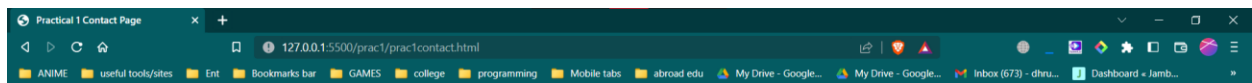


[MY CV](#) [Registration page](#) [Contact us](#)

Registration Page

User Name: <input style="width: 90%;" type="text"/>
First Name: <input style="width: 90%;" type="text"/>
Last Name: <input style="width: 90%;" type="text"/>
Your Mobile: <input style="width: 90%;" type="text"/>
Your Email: <input style="width: 90%;" type="text"/>
Password: <input style="width: 90%;" type="password"/>
Re-enter Password: <input style="width: 90%;" type="password"/>

• CONTACT PAGE



[MY CV](#) [Registration page](#) [Contact us](#)

My Contact Details:

Name: Dhrumil Burad
Phone number: 9898989898
Email.id: dhrumilburad@gmail.com
Address: NMIMS,MUMBAI
Social media handle: [Linkedin](#)