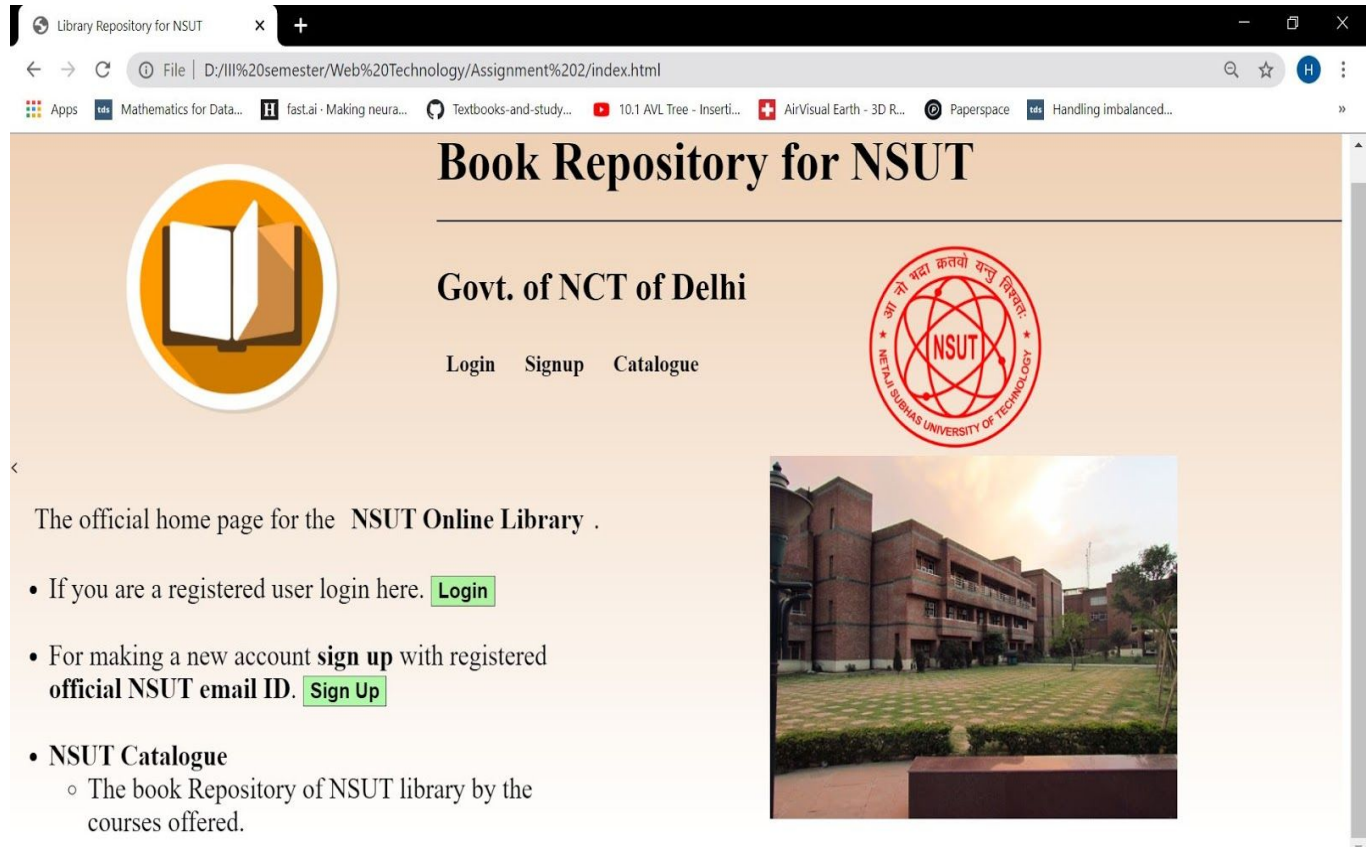# ASSIGNMENT 2 - WEB TECHNOLOGY

-HARSHIT GUPTA

-2019UCO1580

- THE HOME PAGE

- **Links present**
  - **Login, Signup, Catalogue** just below the second line of the page and the **NSUT logo** are present as links.
  - The **NSUT Online Library** is a self directing link
  - **Login and Signup** links were presented as **buttons.**
  - **NSUT Catalogue** was also presented as a link.
  - **All the links** were **embedded with CSS,** the code for which has been included in the submission.

CODE - Css (text and image hover animations included)
- Text

```css
a{
    text-decoration: none;
    color: rgba(0,0,0,1);
    font-weight: bold;
}
 h1{
    font-size: 48;
    padding: 0px 0px 0px 0px;
    font-family: times;
    <!--text-aligncenter;-->
    transition: all 0.7s ease;
 }
 h1:hover{
    opacity: 0.4;
    transition: 0.8s;
 }
p a{
    transition: all 0.8s ease;
    padding: 10px 10px 10px 10px;
}
p a:hover{
    background-color: rgba(0, 0, 0, 0.3);
    transition: 0.5s;
    opacity: 1;
}
.course li{
```

```css
    font-size: 26px;
    font-family: times;
    padding-right: 120px;
    padding-bottom: 13px;
    font-variant: small-caps;
}
.expand {
    transition: all 0.8s ease;
}
.expand:hover{
    opacity: 0.7;
    transition: 0.4s;
    font-size: 36;
    background-color: rgba(255, 0, 0, 0.3);
}
 p{
     font-family: times;
     padding: 5px 5px 15px 25px;

    }
```

- Image

```css
#grad{
    background-image: linear-gradient(rgba(200,100,5,0.3),rgba(112, 0, 0, 0));
}
.expand img {
    opacity:1;
    padding: 5px 5px 5px 5px;
    transition: all 1s ease;
}
.expand img:hover {
    opacity: 0.5;
    transition: 0.8s;
    transform: scale(1.3);
}
button{
    font-size: 19px;
    font-weight: light;
    background-color: rgba(0, 255, 0, 0.3);
    border-width: 1pt;
}

body{
    margin-top:-28px;
    margin-left: 0px;
    padding:0;
}
```

CODE- Home Page

```html
<!DOCTYPE html>
<html lang="en" dir="ltr" >
<div id='grad'>
   <head>
      <meta charset="utf-8">
      <link href='text.css' rel='stylesheet'>
      <link href='image_back.css' rel ='stylesheet'>
      <title> Library Repository for NSUT</title>
   </head>
   <body>
      <div class='expand'><img src='images/book3.png'
style="float:left;padding:30px 100px 0px 120px;opacity:1;" height = "220px"
width = "220px"></div>
      <div><h1>
         <a href="index.html">
            Book Repository for NSUT
            <hr/>
         </a>
      </h1>
   </div>
   <p style="position:relative" style = "padding:0px 0px 0px 0px">
      <b><font size = 6>
         Govt. of NCT of Delhi
      </font>
      <p z-index = -3 class = 'darken'><font size = 4> <a href =
"login/index.html" style="padding-right:15px">Login</a>
         <a href="login/index.html" style="padding-right:15px"> Signup</a>
         <a href="catalogue/index.html"> Catalogue</a>
      </font>
   </p>
   </b>
```
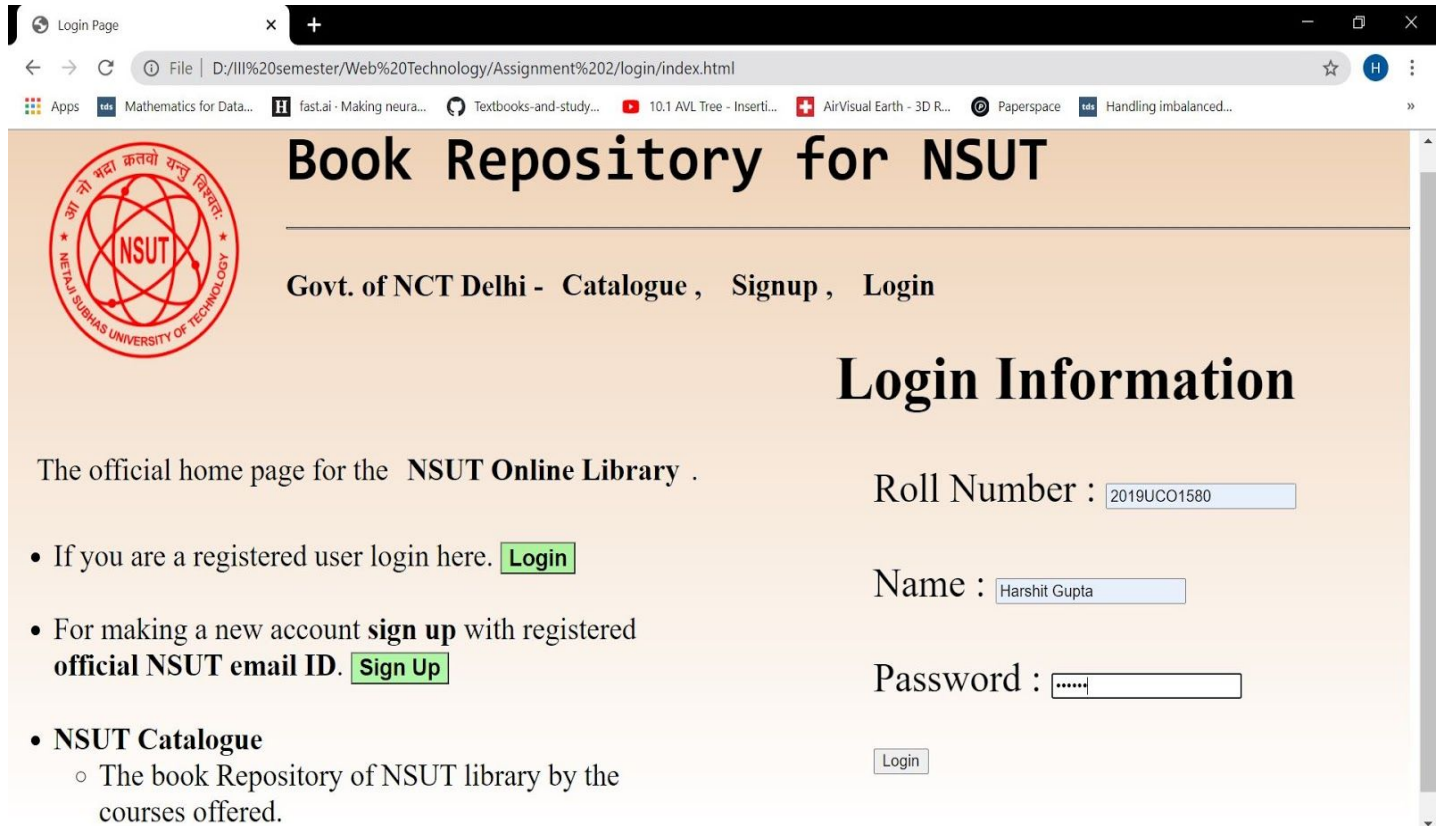
```html
    <a href="http://www.nsit.ac.in" target="_blank">
        <div class = 'expand'><img style
='position:absolute;left:880px;right:320px;top:120px;' align = 'top'
src='images/nsutlogo.png' height="180px" width="180px" alt="Logo of
NSUT"/ ></div>
    </a> </p>
    <img src='images/photolib.jpeg' alt = 'Library image' width = '420px'
height='320px' z-index = -123 style = 'float:right;padding-left:
10px;padding-right: 170px; padding-bottom: 20px;opacity:1;'>
    <br/><p><font size = 5>
        The official home page for the <b><a class = "expand" href =
"index.html">NSUT Online Library</a></b>.
    </font>
    <br/>
    <font size = 5 face = 'times'><ul>
        <li> If you are a registered user login here.
            <button ><a href="login/index.html"> Login</a></button>
        </li> <br/><li>
            For making a new account <b>sign up</b> with
                registered<br/> <b>official NSUT email ID</b>.
                <button><a href="signup/index.html"> Sign Up</a></button>
            </li> <br/>
            <li ><font size = 5> <b>
                <a href="catalogue/index.html" class ="expand"> NSUT
Catalogue</a></b></font>
                    <ul> <li>
                        The book Repository of NSUT library by the<br/> courses
offered   </li></ul>
                </li>
            </ul>
        </font></body>
</div> </html
```

- THE LOGIN PAGE

- The left portion has been left as same
- The right portion constitutes a **static form** to be filled by the user.
- Again, the Links are the same as the home page but the relative URLs are different in the code.

CODE - Login Page

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">

  <head>
    <link rel="stylesheet" href= "../text.css">
    <link rel="stylesheet" href= "../image_back.css">
    <meta charset="utf-8">
    <title>Login Page</title>
  </head>
<div id='grad'>
  <body>
    <div><img src='../images/nsutlogo.png' width = "170px"
height="180px" style="float:left; padding: 35px 40px 35px 35px;">
      <br/>
      <font size = 7 >
      <a href="../index.html">
        Book Repository for NSUT
        <hr/>
      </a>
      </font>
      <p>
        <font size=5><b>Govt. of NCT Delhi - </b>
        <a href="../catalogue/index.html"> Catalogue ,</a> <a
href='../signup/index.html'> Signup , </a>
        <a href ="index.html"> Login </a>
        </font>
      </p>
    </div>
```

```html
<div align='right' style="padding-right:100px"><font size= 7 face='times'><b> Login Information</b></font></div>
<form style="float:right; padding-right:100px;">
    <br/><br/>
    <font size = 6 face = 'times'>
        Roll Number : <input  type = 'text' name = 'Roll'><br/><br/>
        Name : <input type = 'text' name = 'Name'><br/><br/>
        Password : <input type = 'password' name = 'Pass'><br/><br/>
        <input type = 'submit' value = 'Login'>
    </font>
</form>
<font size = 5>
    <p>The official home page for the <b><a class = "expand" href = "../index.html">NSUT Online Library</a></b>.</p>

</font>

<font size = 5 face = 'times'><ul>
    <li> If you are a registered user login here.
        <button ><a href="index.html"> Login</a></button>
    </li>
    <br/>
    <li>
        For making a new account <b>sign up</b> with
            registered<br/> <b>official NSUT email ID</b>.
            <button><a href="../signup/index.html"> Sign Up</a></button>
    </li>
    <br/>
```
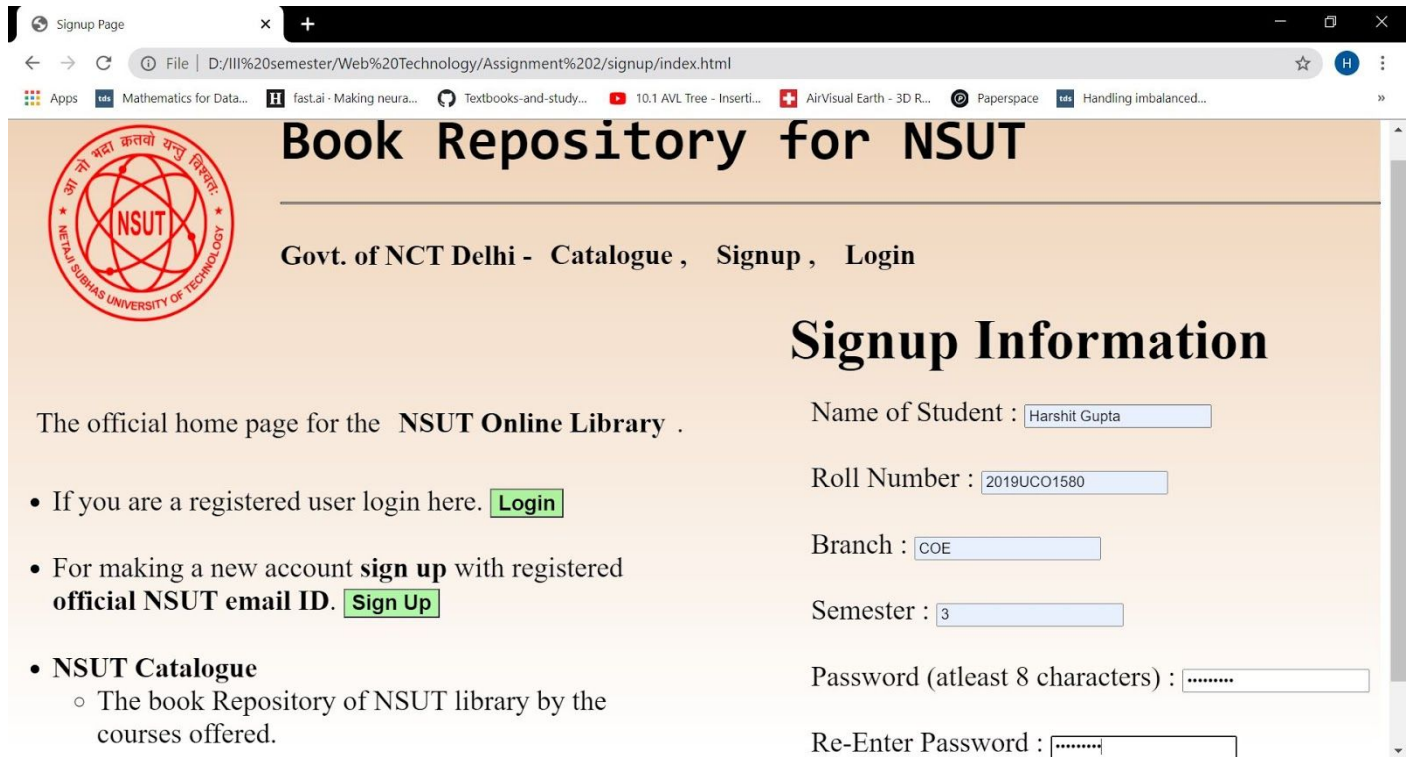
```html
        <li ><font size = 5> <b>
            <a href="../catalogue/index.html" class ="expand"> NSUT
Catalogue</a></b></font>
            <ul> <li>
                The book Repository of NSUT library by the<br/>
courses offered.
            </li></ul>
        </li>
    </ul>
    </font>
  </body>
</div>
</html>
```

- SIGNUP PAGE

- A **form** has been provided and can be seen to be **filled with user information**
- The structure of the site remains the same.

CODE- Signup Page

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
   <head>
      <link rel="stylesheet" href= "../text.css">
      <link rel="stylesheet" href= "../image_back.css">
      <meta charset="utf-8">
      <title>Signup Page</title>
   </head>
<div id='grad'>
   <body>
      <div><img src='../images/nsutlogo.png' width = "170px" height="180px"
style="float:left; padding: 35px 40px 35px 35px;">
         <br/>
         <font size = 7 >
         <a href="../index.html">
            Book Repository for NSUT <hr/>
         </a>
         </font>
         <p>
            <font size=5><b>Govt. of NCT Delhi - </b>
            <a href="../catalogue/index.html"> Catalogue ,</a> <a
href='index.html'> Signup , </a>
            <a href ="../login/index.html"> Login </a>
            </font>
         </p>
      </div>
      <div align='right' style="padding-right:100px"><font size=7 face='times'><b>
Signup Information</b></font></div>
      <form style="float: right; padding-right:10px;">
         <br/>
         <font size = 5 face = 'times'>
            Name of Student : <input type="text" name = "Name"><br/><br/>
            Roll Number : <input type = "text" name = 'Roll'><br/><br/>
            Branch : <input type = "text" name= "branch"><br/><br/>
```
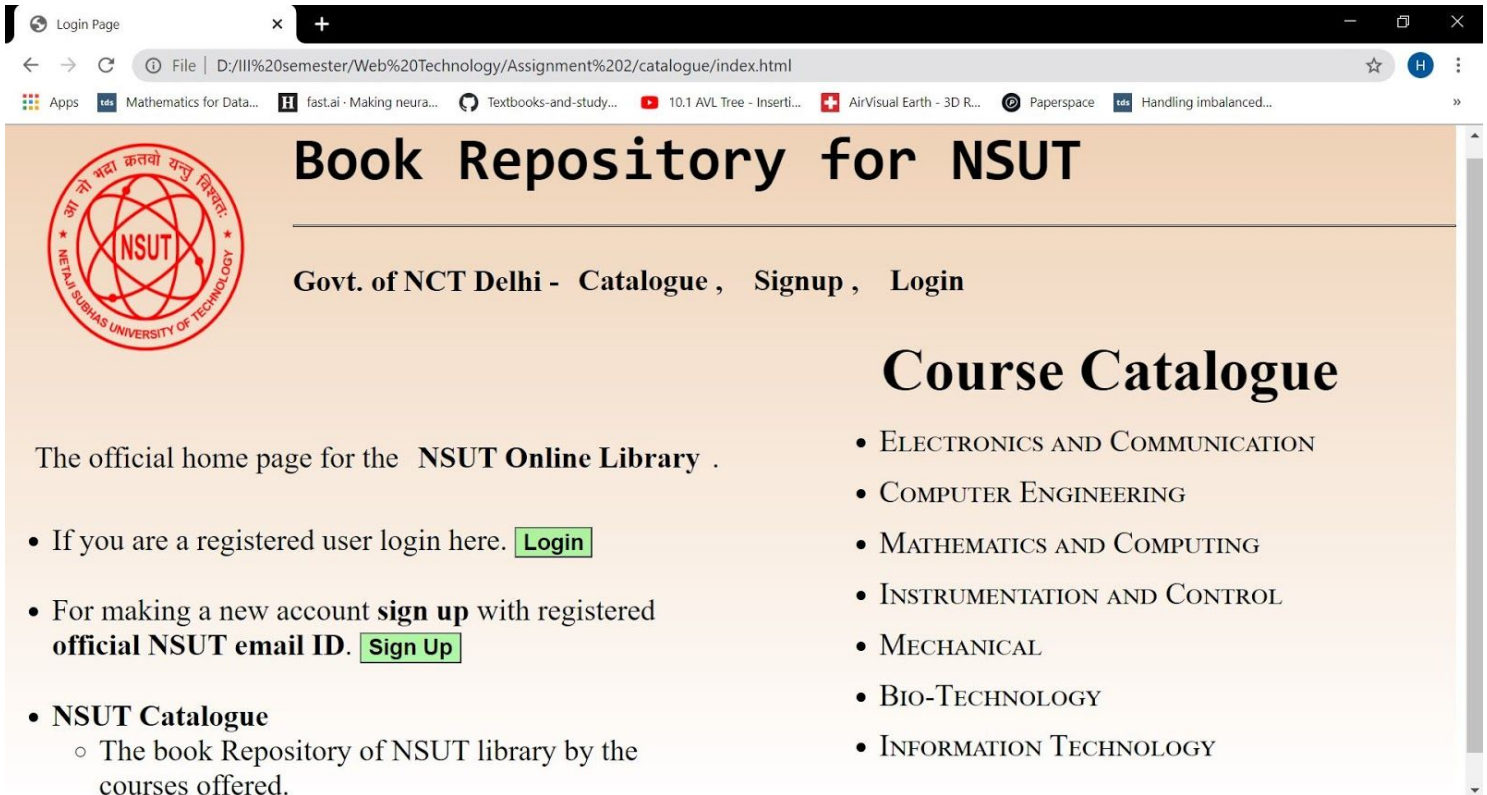
```html
        Semester : <input type = "text" name = 'Semester'><br/><br/>
        Password (atleast 8 characters) : <input type="password" name =
"pass"><br/><br/>
        Re-Enter Password : <input type = "password" > <br/><br/>
        <input type = 'submit' value = "Sign Up">
      </font>
    </form>
    <font size = 5>
      <p>The official home page for the <b><a class = "expand" href =
"../index.html">NSUT Online Library</a></b>.</p>
    </font>
    <font size = 5 face = 'times'><ul>
      <li> If you are a registered user login here.
        <button ><a href="../login/index.html"> Login</a></button>
      </li>
      <br/>
      <li>
        For making a new account <b>sign up</b> with
          registered<br/> <b>official NSUT email ID</b>.
          <button><a href="index.html"> Sign Up</a></button>
      </li>
      <br/>
      <li ><font size = 5> <b>
        <a href="../catalogue/index.html" class ="expand"> NSUT
Catalogue</a></b></font>
          <ul> <li>
            The book Repository of NSUT library by the<br/> courses offered.
          </li></ul>
      </li>
    </ul>
  </font>
  </body>
</div>
</html>
```

- CATALOGUE PAGE

- A **new portion** displaying courses present in NSUT has been provided on the right
- The structure of the site remains relatively the same.

CODE- Catalogue

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <link rel="stylesheet" href= "../text.css">
    <link rel="stylesheet" href= "../image_back.css">
    <meta charset="utf-8">
    <title>Login Page</title>
  </head>
<div id='grad'>
  <body>
    <div><img src='../images/nsutlogo.png' width = "170px"
height="180px" style="float:left; padding: 35px 40px 35px 35px;">
      <br/>
      <font size = 7 >
      <a href="../index.html">
        Book Repository for NSUT
        <hr/>
      </a>
      </font>
      <p>
        <font size=5><b>
          Govt. of NCT Delhi -
        </b>

        <a href="index.html"> Catalogue ,</a> <a
href='../signup/index.html'> Signup , </a>
        <a href ="../login/index.html"> Login </a>
        </font>
      </p>
    </div>
```

```html
    <div align='right' style="padding-right:100px"><font size=7
face='times'><b> Course Catalogue</b></font></div>
    <div style = 'float:right'>
        <ul class = 'course'> <font size = 5>
            <li>Electronics and Communication</li>
            <li>Computer Engineering</li>
            <li>Mathematics and Computing</li>
            <li>Instrumentation and Control</li>
            <li>Mechanical</li>
            <li>Bio-Technology</li>
            <li>Information Technology</li>
    </div>
    <font size = 5>
        <p>The official home page for the <b><a class = "expand" href =
"../index.html">NSUT Online Library</a></b>.</p>
    </font>
    <font size = 5 face = 'times'><ul>
        <li> If you are a registered user login here.
            <button ><a href="../login/index.html"> Login</a></button>
        </li>
        <br/>
        <li>
            For making a new account <b>sign up</b> with
                registered<br/> <b>official NSUT email ID</b>.
                <button><a href="../signup/index.html"> Sign Up</a></button>
        </li>
        <br/>
        <li ><font size = 5> <b>
            <a href="index.html" class ="expand"> NSUT
Catalogue</a></b></font>
                <ul> <li>
                    The book Repository of NSUT library by the<br/> courses
offered.
```

```
            </li></ul>
          </li>
        </ul>
      </font>
    </body>
  </div>
</html>
```