Practical 1

Aim:

Create your resume using HTML tags. Experiment with colors, text, link, and also other tags you studied.

Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
    k
      href="https://fonts.googleapis.com/css?family=Lato:400,300,700"
      rel="stylesheet"
      type="text/css"
    />
    <link rel="stylesheet" href="css/style.css" />
    <title>Ankit Verma | Web Dev - Resume</title>
  </head>
  <body>
    <div class="container">
      <div class="header">
        <div class="full-name">
          <span class="first-name">Ankit</span>
          <span class="last-name">Verma</span>
        </div>
        <div class="contact-info">
          <span class="email">Email: </span>
          <span class="email-val">ankitverma209171@gmail.com</span>
          <span class="separator"></span>
          <span class="phone">Phone: </span>
          <span class="phone-val">932-711-4805</span>
        </div>
        <div class="about">
          <span class="position">Full-Stack Developer </span>
          <span class="desc">
```

```
I am a full-
stack developer with more than 1 years of experience
            writing html, css, and js for front-end and django as back-
end. I'm
            motivated, result-focused and seeking a successful team-
oriented
            company with opportunity to grow.
          </span>
        </div>
      </div>
      <div class="details">
        <div class="section">
          <div class="section__title">Experience</div>
          <div class="section__list">
            <div class="section__list-item">
              <div class="left">
                <div class="name">Freelancer</div>
                <div class="addr">Upwork</div>
                <div class="duration">July 2021 - Current</div>
              </div>
              <div class="right">
                <div class="name">Web Dev</div>
                <div class="desc">
                  Build Web Solutions with latest technologies in indus
try
                </div>
              </div>
            </div>
            <div class="section__list-item">
              <div class="left">
                <div class="name">Vision Web Solutions</div>
                <div class="addr">Ahmedabad, Gujarat, India</div>
                <div class="duration">Dec 2020 - Feb 2021</div>
              </div>
              <div class="right">
                <div class="name">Web Dev Intern</div>
                <div class="desc">
                  Build support APIs for BuuyIt (E-commerce solution)
                </div>
              </div>
            </div>
          </div>
        </div>
        <div class="section">
          <div class="section__title">Education</div>
```

```
<div class="section__list">
            <div class="section list-item">
              <div class="left">
                <div class="name">VGEC</div>
                <div class="addr">Ahmedabad, Gujarat, India</div>
                <div class="duration">Aug 2019 - Current</div>
              </div>
              <div class="right">
                <div class="name">Information Technology</div>
                <div class="desc">Bachelor of Engineering (CGPA - 8.75)
</div>
              </div>
            </div>
            <div class="section__list-item">
              <div class="left">
                <div class="name">GSFC School</div>
                <div class="addr">Vadodara, Gujarat, India</div>
                <div class="duration">Jun 2017 - Mar 2019</div>
              </div>
              <div class="right">
                <div class="name">Science Stream</div>
                <div class="desc">GHSEB (89%)</div>
              </div>
            </div>
          </div>
        </div>
        <div class="section">
          <div class="section__title">Projects</div>
          <div class="section__list">
            <div class="section__list-item">
              <div class="name">Exam Shield</div>
              <div class="text">
                Exam Shield is an fool-
proof examination system developed with
                rich features to conduct fair examinations and evaluati
ons of
                the students online. <b>Technologies:</b> Django | CSS
Javascript
              </div>
            </div>
            <div class="section__list-item">
              <div class="name">Radhe Caterering Website</div>
              <div class="text">
```

```
Radhe Caterering Website is a static website developed
for
                creating business online presence and attract new custo
mers
                online. <b>Technologies:</b> Django | CSS | Javascript
              </div>
            </div>
          </div>
        </div>
        <div class="section">
          <div class="section__title">Skills</div>
          <div class="skills">
            <div class="skills__item">
              <div class="left"><div class="name">Javascript</div></div</pre>
              <div class="right">
                <input id="ck1" type="checkbox" checked />
                <label for="ck1"></label>
                <input id="ck2" type="checkbox" checked />
                <label for="ck2"></label>
                <input id="ck3" type="checkbox" checked />
                <label for="ck3"></label>
                <input id="ck4" type="checkbox" />
                <label for="ck4"></label>
                <input id="ck5" type="checkbox" />
                <label for="ck5"></label>
              </div>
            </div>
          </div>
          <div class="skills__item">
            <div class="left"><div class="name">CSS</div></div></div></div>
            <div class="right">
              <input id="ck1" type="checkbox" checked />
              <label for="ck1"></label>
              <input id="ck2" type="checkbox" checked />
              <label for="ck2"></label>
              <input id="ck3" type="checkbox" checked />
              <label for="ck3"></label>
              <input id="ck4" type="checkbox" checked />
```

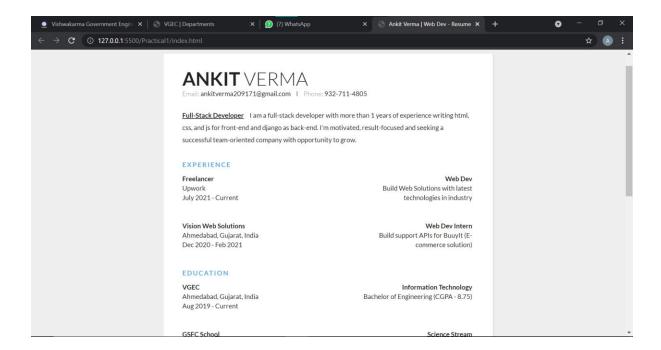
```
<label for="ck4"></label>
              <input id="ck5" type="checkbox" />
              <label for="ck5"></label>
            </div>
          </div>
          <div class="skills__item">
            <div class="left"><div class="name">Django</div></div>
            <div class="right">
              <input id="ck1" type="checkbox" checked />
              <label for="ck1"></label>
              <input id="ck2" type="checkbox" checked />
              <label for="ck2"></label>
              <input id="ck3" type="checkbox" checked />
              <label for="ck3"></label>
              <input id="ck4" type="checkbox" checked />
              <label for="ck4"></label>
              <input id="ck5" type="checkbox" checked />
              <label for="ck5"></label>
            </div>
          </div>
        </div>
        <div class="section">
          <div class="section__title">Interests</div>
          <div class="section__list">
            <div class="section__list-</pre>
item">Reading, drawing, programming.</div>
          </div>
        </div>
      </div>
    </div>
  </body>
</html>
Style.css
* {
 margin: 0;
 padding: 0;
 box-sizing: border-box;
}
html {
  height: 100%;
```

```
}
body {
 min-height: 100%;
  background: #eee;
  font-family: "Lato", sans-serif;
  font-weight: 400;
  color: #222;
  font-size: 14px;
  line-height: 26px;
  padding-bottom: 50px;
}
.container {
 max-width: 700px;
  background: #fff;
 margin: 0px auto 0px;
  box-shadow: 1px 1px 2px #dad7d7;
  border-radius: 3px;
  padding: 40px;
 margin-top: 50px;
}
.header {
  margin-bottom: 30px;
.header .full-name {
 font-size: 40px;
  text-transform: uppercase;
 margin-bottom: 5px;
.header .first-name {
  font-weight: 700;
.header .last-name {
  font-weight: 300;
.header .contact-info {
 margin-bottom: 20px;
.header .email,
.header .phone {
  color: #999;
  font-weight: 300;
.header .separator {
  height: 10px;
```

```
display: inline-block;
  border-left: 2px solid #999;
  margin: 0px 10px;
}
.header .position {
  font-weight: bold;
  display: inline-block;
 margin-right: 10px;
  text-decoration: underline;
}
.details {
  line-height: 20px;
.details .section {
 margin-bottom: 40px;
.details .section:last-of-type {
 margin-bottom: 0px;
.details .section__title {
  letter-spacing: 2px;
  color: #54afe4;
  font-weight: bold;
 margin-bottom: 10px;
 text-transform: uppercase;
}
.details .section__list-item {
 margin-bottom: 40px;
.details .section__list-item:last-of-type {
 margin-bottom: 0;
.details .left,
.details .right {
 vertical-align: top;
  display: inline-block;
}
.details .left {
 width: 60%;
.details .right {
  text-align: right;
 width: 39%;
.details .name {
  font-weight: bold;
```

```
}
.details a {
 text-decoration: none;
 color: #000;
 font-style: italic;
}
.details a:hover {
 text-decoration: underline;
 color: #000;
}
.details .skills__item {
 margin-bottom: 10px;
}
.details .skills__item .right input {
 display: none;
.details .skills__item .right label {
  display: inline-block;
 width: 20px;
 height: 20px;
 background: #c3def3;
 border-radius: 20px;
 margin-right: 3px;
}
.details .skills__item .right input:checked + label {
 background: #79a9ce;
}
```

Screenshot:



Practical 2

Aim:

Design static web pages for your college containing a description of the courses, departments, faculties, library etc. Provide links for navigation among pages.

Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
   <link rel="stylesheet" href="css/style.css" />
    <title>VGEC | Home</title>
  </head>
  <body>
    <nav>
     <111>
       <
         <a href="index.html"><img src="img/logo.png" alt="logo image"
 /></a>
       <
         <a href="index.html">VGEC</a>
       <a href="index.html" class="active">Home</a>
       <a href="courses.html">Courses</a>
       <a href="faculties.html">Faculties</a>
       <a href="library.html">Library</a>
     </nav>
    <div class="card">
     <div class="container">
       <img src="img/hero.jpg" alt="Expert Lecture" width="100%" />
       >
         Vishwakarma Government Engineering College, Ahmedabad was est
ablished
         in August 1994, with an objective of imparting higher educati
on in
```

```
various fields of engineering and technology. This institute
is
         recognized by All India Council of Technical Education (AICTE
), New
         Delhi and Institute of Engineers (India). The college is admi
nistrated
         by Directorate of Technical Education, Gujarat State, Gandhin
agar and
         is affiliated with Gujarat Technological University. VGEC shi
fted to
         its own campus at Chandkheda, Ahmedabad in the year 2004.
        <br />
       <h3><b>VISION</b></h3>
         To create an ecosystem for proliferation of socially responsi
ble and
         technically sound engineers, innovators and entrepreneurs.
       <br />
       <h3><b>MISSION</b></h3>
         To develop state-of-the-art laboratories and well-
equipped academic
         infrastructure.
       >
         To motivate faculty and staff for qualification up-
gradation, and
         enhancement of subject knowledge.
       >
         To promote research, innovation and real life problem solving
 skills.
       To strengthen linkages with industries, academic and research
         organizations.
       >
         To reinforce concern for sustainability, natural resource con
servation
         and social responsibility.
       </div>
```

```
</div>
   <footer class="footer">
     VGEC © 2021
   </footer>
  </body>
</html>
Courses.html
<!DOCTYPE html>
<html lang="en">
  <head>
   <meta charset="UTF-8" />
   <meta http-equiv="X-UA-Compatible" content="IE=edge" />
   <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
   <link rel="stylesheet" href="css/style.css" />
   <title>VGEC | Courses</title>
  </head>
  <body>
   <nav>
     <l
       <
         <a href="index.html"><img src="img/logo.png" alt="logo image"</pre>
 /></a>
       <
         <a href="index.html">VGEC</a>
       <a href="index.html">Home</a>
       <a href="courses.html" class="active">Courses</a>
       <a href="faculties.html">Faculties</a>
       <a href="library.html">Library</a>
     </nav>
   <div class="card">
     <div class="container">
         The institute runs 9 Under Graduate (UG) engineering programs
 and 2
         Post Graduate (PG) engineering programs. Out of 9 UG programs
, four
         programs are accredited by the NBA
       <br />
```

```
<h3><b>Under Graduate Programs</b></h3>
      Admission process to all UG programs is carried out by the st
ate level
      Admission Committee for Professional Courses (ACPC). For more
details.
      visit ACPC website
      <a href="www.jacpcldce.ac.in/be.asp">www.jacpcldce.ac.in/be.a
sp</a>
     Fees: Tuition Fee for Boys: Rs. 1500/-
     Fees: Tuition Fee for Girls: NIL
     <br />
     <thead>
        Sr.No.
         Branch
         Course
         Intake
         Accreditation Status
        </thead>
       1
         Chemical Engineering
         UG
         60
         Accredited For 3 Years Upto 30/06/2022
        2
         Computer Engineering
         UG
         120
         3
         Civil Engineering
         UG
         60
         Accredited For 3 Years Upto 30/06/2022
```

```
4
   Electrical Engineering
   UG
   120
   5
   Electronics & Communication Engineering
   UG
   120
   6
   Information Technology
   UG
   60
   Accredited For 3 Years Upto 30/06/2022
  7
   Instrumentation & Control Engineering
   UG
   60
   8
   Mechanical Engineering
   UG
   60
   Accredited For 3 Years Upto 30/06/2022
  9
   Power Electronics Engineering
   UG
   60
   <br />
<h3><b>Post Graduate Programs</b></h3>
>
```

```
Admission process to all PG programs is carried out by the st
ate level
       Admission Committee for Professional Courses (ACPC) based on
valid
       GATE score/Post Graduate Common Entrance Test (PGCET). For mo
re
       details, visit ACPC website
       <a href="www.jacpcldce.ac.in/be.asp">www.jacpcldce.ac.in/be.a
sp</a>
     <br />
     <thead>
        Sr.No.
          Branch
          Course
          Intake
          Accreditation Status
        </thead>
       1
          Chemical Engineering
          PG
          18
          2
          Electronics & Communication Engineering
          PG
          18
          </div>
  </div>
  <footer class="footer">
    VGEC © 2021
  </footer>
 </body>
</html>
```

Faculties.html

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <meta charset="UTF-8" />
   <meta http-equiv="X-UA-Compatible" content="IE=edge" />
   <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
   <link rel="stylesheet" href="css/style.css" />
   <title>VGEC | Departments</title>
 </head>
 <body>
   <nav>
     <l
       <
         <a href="index.html"><img src="img/logo.png" alt="logo image"</pre>
/></a>
       <
         <a href="index.html">VGEC</a>
       <a href="index.html">Home</a>
       <a href="courses.html">Courses</a>
       <a href="faculties.html" class="active">Faculties</a>
       <a href="library.html">Library</a>
     </nav>
   <div class="card">
     <div class="container">
       <div class="profile-card">
         <img src="img/profile.jpg" alt="John" style="width: 100%" />
         <h3>Prof. Chirag A. Patel</h3>
         Associate Professor
         Ph.D.
         capatel@vgecg.ac.in
       </div>
       <div class="profile-card">
         <img src="img/profile.jpg" alt="John" style="width: 100%" />
         <h3>Prof. Shailesh J. Molia</h3>
         Associate Professor
         M.E.
         sjmolia@vgecg.ac.in
       </div>
```

```
<div class="profile-card">
         <img src="img/profile.jpg" alt="John" style="width: 100%" />
         <h3>Prof. Nikunj C. Gamit</h3>
         Associate Professor
         M.Tech.
         nikunj.gamit@vgecg.ac.in
       </div>
       <div class="profile-card">
         <img src="img/profile.jpg" alt="John" style="width: 100%" />
         <h3>Prof. Jashvant R. Dave</h3>
         Associate Professor
         M.Tech.
         jrd_it@vgecg.ac.in
       </div>
     </div>
   </div>
   <footer class="footer">
     VGEC © 2021
   </footer>
 </body>
</html>
Library.html
<!DOCTYPE html>
<html lang="en">
 <head>
   <meta charset="UTF-8" />
   <meta http-equiv="X-UA-Compatible" content="IE=edge" />
   <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
   <link rel="stylesheet" href="css/style.css" />
   <title>VGEC | Library</title>
 </head>
 <body>
   <nav>
     <l
         <a href="index.html"><img src="img/logo.png" alt="logo image"
/></a>
       <1 i>>
         <a href="index.html">VGEC</a>
       <a href="index.html">Home</a>
       <a href="courses.html">Courses</a>
```

```
<a href="faculties.html">Faculties</a>
       <a href="library.html" class="active">Library</a>
     </nav>
    <div class="card">
     <div class="container">
       <img src="img/library.jpg" alt="Library Image" width="100%" />
       <h3><b>Library Membership</b></h3>
       >
         All students and faculty members of Vishwakarma Government En
gineering
         College are to be registered as Member of library. Book borro
wing
         rights are given to all Students (UG/PG) and faculty members.
        <br />
       <h3><b>Location of library</b></h3>
         Library is located in Workshop Building, which includes Libra
rian
         cabin, news paper reading area, book issue and return area, r
eference
         section, magazine section
        <br />
       <h3><b>Library Resources</b></h3>
         All books of Library are classified as per Dewey Decimal
         Classification System (DDC). Data entry of all books availabl
e in
         library is done in Soul 2.0 Network version. Book issue and r
eturn
         facilities, book search option, student membership is to be d
one
         through this Soul 2.o software.
        <br />
       <h3><b>Issue & Return of books Hours</b></h3>
       >
         Monday to Friday and working Saturday: 11.00 AM to 2:00PM and
 3.00 PM
         to 5.00 PM.
```

```
<br />
     <h3><b>Library opening Hours</b></h3>
     Monday to Friday and working Saturday 9:30AM to 6.10PM
     <br />
     <h3><b>Library information</b></h3>
     <br />
     Total Area Of The Library
         714 M<sup>2</sup>
        Seating Capacity Of The Library
         150
        Working Hours Of Library
         08 Hrs (10.30am To 6.10pm)
        Library Networking Facility
         Yes
        Usage of The Library (No. of Visitors )
         75/Day (Average )
        Usage Data Of The Library (In Terms Of Books Issued To
The
          Faculty & amp; Students Etc.)
         72/Day (Average )
        <h3><b>Branch wise Book Detail</b></h3>
     <br />
     <thead>
```

```
Course(S) /Department
 Total Vol.
 No. Of Title
</thead>
Electrical Engineering
 5008
 1678
I.C. Engineering
 2064
 547
Chemical Engineering
 2425
 981
IT/CE Engineering
 5483
 1636
EC Engineering
 4787
 1375
Power Electronics Engineering
 2556
 568
Mechanical Engineering
 3839
 728
Civil / Applied. Mech.
 3350
 860
```

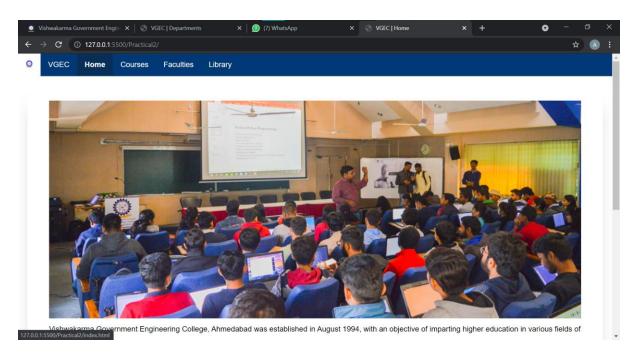
```
General Department
         3602
         756
       Ebooks
         220
       E-Journals
         4456
       Journals (Hard Copy) subscribed
         25
       Total Of Volume & Title
         33500
         9500
       </div>
  </div>
  <footer class="footer">
   VGEC © 2021
  </footer>
 </body>
</html>
Style.css
* {
 margin: 0;
 padding: 0;
 font-family: Arial, Helvetica, sans-serif;
}
/* brand logo */
nav > ul > li:nth-child(1) > a {
 background-color: #fff;
}
```

```
nav > ul > li:nth-child(1) > a > img {
 height: 1rem;
/* nav */
nav ul {
 list-style-type: none;
  overflow: hidden;
  background-color: #003975;
}
nav li {
  display: inline;
  float: left;
}
nav li a {
  display: block;
  color: white;
  text-align: center;
 padding: 14px 16px;
 text-decoration: none;
}
nav li a:hover,
.active {
  background-color: #072f5a;
 font-weight: bold;
}
/* footer */
.footer {
  padding: 14px 0;
  left: 0;
  bottom: 0;
  width: 100%;
  background-color: #003975;
  color: white;
  text-align: center;
}
/* card */
.card {
  border-radius: 5px;
```

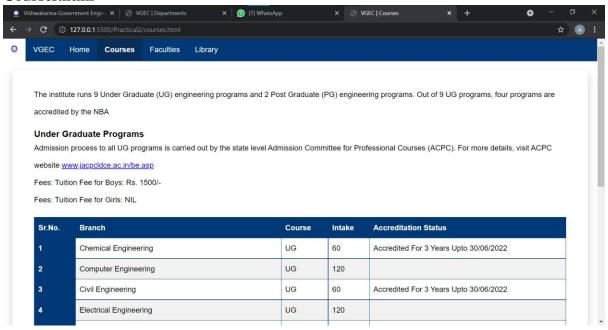
```
box-shadow: 0px 30px 40px -20px hsl(229, 6%, 66%);
  padding: 30px;
  margin: 20px;
}
.card .container p {
  line-height: 2.3rem;
.card:hover {
  box-shadow: 0 8px 16px 0 rgba(0, 0, 0, 0.2);
}
.container {
 padding: 2px 16px;
/* table */
table {
  font-family: Arial, Helvetica, sans-serif;
  border-collapse: collapse;
 width: 100%;
}
table td,
table th {
  border: 1px solid #003975;
  padding: 8px;
}
table tr:nth-child(even) {
  background-color: #f2f2f2;
}
table tr:hover {
  background-color: #ddd;
}
table th {
  padding-top: 12px;
  padding-bottom: 12px;
  text-align: left;
 background-color: #003975;
 color: white;
}
```

```
/* profile-card */
.profile-card {
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
  max-width: 30%;
  margin: 0.6rem;
  text-align: center;
  font-family: arial;
  display: inline-block;
}
.title {
  color: grey;
  font-size: 18px;
}
```

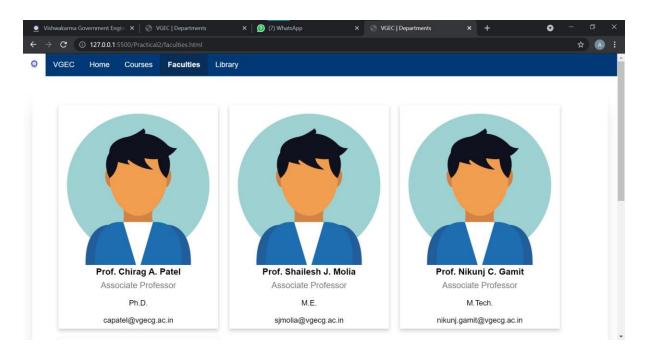
Screenshot:



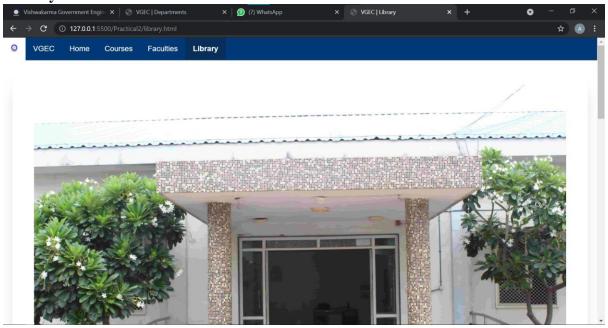
Courses.html



Faculties.html



Library.html



Practical 3

Aim:

Create your class timetable using table tag.

Code:

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <meta charset="UTF-8" />
   <meta http-equiv="X-UA-Compatible" content="IE=edge" />
   <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
   <title>IT - Sem 5 | Time Table</title>
 </head>
 <body>
   <div>
     <center>
      <h>>
        VISHWAKARMA GOVERNMENT ENGG COLLEGE, CHANDKHEDA<br/>
/>
        INFORMATION TECHNOLOGY DEPARTMENT <br />
        Semester:V<br />
        ODD TERM 2021<br />
        WEF:- 07/06/2021
      </b>
     </center>
   </div>
   <br />
   <div>
     <center>
      <thead>
          Day
            10:30 TO 12:30
            1:00 TO 2:00
            2:00 TO 3:00
            3:15 TO 4:15
            4:15 TO 5:15
            5:15 TO 6:15
          </thead>
```

```
B201
 B201
Monday
 B1 - ADA (DCP) B206A<br />
   B3 - WD (CAP) B203B <br />
  B4 - CN (CGC) B206B
 ADA (DCP)
 CN (JHV)
  OOAD (NST)<br />
  WD (CAP) B103
 PE (DJV)
 B1 - DE - 2A (VDP) < br />
   B2 - DE - 2A (CAP) < br />
   B3 - DE - 2A (JRD) < br />
   B4 - DE - 2A (DCP) < br />
  B104
 Tuesday
 B1 - OOAD (NST) B203A<br />
   B2 - CN (CGC) B206B < br />
   B3 - ADA (DCP) B206A<br />
   B4 - WD (CAP) B203B
 ADA (DCP)
 CN (CGC)
 PE (DJV)
 ADA (VDP)
 B1 - DE - 2A (NST) < br />
   B2 - DE - 2A (CGC)<br />
   B3 - DE - 2A (JHV) < br />
   B4 - DE - 2A (DCP) < br /> B104
```

```
Wednesday
 B2 - ADA (DCP) B206A<br />
  B3 - CN (CGC) B206B
 ADA (DCP)
 CN (CGC)
 PE (DJV)
 Thursday
 IE-CS (JHV)<br />
  DS (SJM) B103
 CN (CGC)
 IE-CS (JHV)<br />
  DS (SJM) B103
 Friday
 B1 - CN (JHV) B206B < br />
  B2 - WD (CAP) B203B < br />
  B4 - ADA (DCP) B206A
 IPDC (JRD)
 IPDC (JRD)
 OOAD (NST)<br />
  WD (CAP) B103
 OOAD (NST)<br />
  WD (CAP) B103
```

```
Saturday
       10:00 TO 2:00 &nbsp B1-CS(JHV) &nbsp B3-
DS(SJM) &nbsp B4-DS(NST)
       2:00 TO 6:00 &nbsp B2-CS(JHV)
      <br />
    <thead>
      SUBJECT DETAILS
       FACULTY DETAILS
       FACULTY DETAILS
      </thead>
     3150703
       Alalysis and Design of Algorithms (ADA)
       VDP
       Prof V D Patel
       NCG
       Prof N C Gamit
      3151604
       Object Oriented Analysis and Design (OOAD)
       CAP
       Prof C A Patel
       JRD
       Prof J R Dave
      3150005
       Integrated Personality Development Course (IPDC)
       SJM
       Prof S J Molia
       NST
       Prof N S Trivedi
```

```
3150709
        Professional Ethics (PE)
        CGC
        Prof C G Chand
        DCP
        Prof D C Patel
       3150001
        Design Engineering - II A (DE2A)
        DJV
        Prof D J Varia
        JHV
        Prof J H Vania
       3150714
        Institute Elective - Cyber Security (CS)
       3150710
        Computer Networks (CN)
       3151606
        Web Developmennt (Professional Elective Course 1) (WD
)
       3151608
        Institute Elective - Data Science (DS)
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```

Screenshot:

