PROJECT REPORT

ON

<u>INTERNSHIP</u>

COORDINATING TOOL



SESSION 2019-20

BY:

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Under the Guidance of

Mr. Animesh Shukla

SE (Electronics

CERTIFICATE

This is to certify that Mandeep Kaur, a student of Eternal University has undergone project training in our organization for 6 weeks starting from 2nd June 2020 to 13th July 2020.

She has successfully completed her training, under the supervision of Mr. Animesh Sukla, SE (Electronics).

During the training, she has successfully completed a project on "INTERNSHIP COORDINATING TOOL".

We have observed that her work has been excellent and appreciate her sincere learning. She has performed with energy and enthusiasm.

We wish her all the best for her future endeavors.

Mr. Animesh Shukla

SE (Electronics)

ONGC Dehradun

CERTIFICATE

This is to certify that Abhinav Shukla, a student of Vellore Institute of Technology has undergone project training in our organization for 6 weeks starting from 2^{nd} June 2020 to 13^{th} July 2020.

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We wish him all the best for his future endeavors.

Mr. Animesh Shukla

SE (Electronics)

ONGC Dehradun

ACKNOWLEDGEMENT

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We are grateful to the whole team who have given us the chance to work on this project.

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Mandeep Kaur

(Eternal University)

Abhinav Raturi

(Vellore Institute of Technology)

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Abstract

Major corporations, educational institutions, finance companies rely on several tools that run on a computer and save a lot of time and money.

One such tool is presented in this project with the vision of being adapted by the organization to further ease their routine of selecting interns.

Currently the process in our organization is manual, i.e. the student or intern's candidate need to fill a paper form, and also need to submit it by hand to the office. The officials then update all the applications manually to their system and then respond individually to the selected students.

Internship Coordinating Tool is a comprehensive tool for coordinating the registration process of the industrial training online with the goal of registering and selecting the interns in a hassle free manner.

It handles the process of registration by the student, selection of applicants, confirming and informing the students about their selection.

1. Overview of the Company

Oil and Natural Gas Corporation Limited (ONGC) is an Indian <u>multinational oil</u> and <u>gas company</u> <u>headquartered</u> in <u>Dehradun</u>, <u>Uttrakhand</u>, <u>India</u>. It is a <u>Public Sector Undertaking</u> (PSU) of the Government of India, under the administrative control of the <u>Ministry of Petroleum and Natural Gas</u>. It produces around 69% of India's <u>crude oil</u> (equivalent to around 30% of the country's total demand) and around 62% of the <u>natural gas</u>.

ONGC was founded on 14 August 1956 by Government of India, which currently holds a 68.94% equity stake. It is involved in exploring for and exploiting hydrocarbons in 26 sedimentary basins of India, and owns and operates over 11,000 kilometres of pipelines in the country. Its international subsidiary ONGC Videsh currently has projects in 17 countries. ONGC has discovered 6 of the 7 commercially producing Indian Basins, in the last 50 years, adding over 7.1 billion tonnes of Inplace Oil & Gas volume of hydrocarbons in Indian basins. Against a global decline of production from matured fields, ONGC has maintained

production from its brown fields like Mumbai High, with the help of aggressive investments in various IOR (Improved Oil Recovery) and <u>EOR (Enhanced Oil Recovery)</u> schemes. ONGC has many matured fields with a current recovery factor of 25-33%.

History of the Company

In 1955, Government of India decided to develop the oil and natural gas resources in the various regions of the country as part of Public Sector development. With this objective, an Oil and Natural Gas Directorate was set up in 1955 under the then Ministry of Natural resources and Scientific Research. The department was constituted with a nucleus of geoscientists from the Geological survey of India.

Soon, after the formation of the Oil and Natural Gas Directorate, it became apparent that it would not be possible for the Directorate with limited financial and administrative powers to function efficiently. So in August, 1956, the Directorate was raised to the status of a commission

Internship Coordinating Tool



with enhanced powers, although it continued to be under the government. In October 1956, the Commission was converted into a statutory body by an act of Parliament, which enhanced powers of the commission further. The main functions of the Oil and Natural Gas Commission subject to the provisions of the Act, were "to plan, promote, organize and implement programmes for development of Petroleum Resources and the production and sale of petroleum and petroleum Government may, from time to time, assign to it". The act further outlined the activities and steps to be taken by ONGC in fulfilling its mandate.

Since its inception, ONGC has been instrumental in transforming the country's limited upstream sector into a large viable playing field, with its activated spread throughout India and significantly in overseas territories. In the inland areas, ONGC not only found new resources in Assam but also establishes new oil province in Cambay basin (Gujarat), while adding new petroliferous areas in the Assam-Arakan Fold Belt and East coast basins (both inland and offshore).

ONGC went offshore in early 70's and discovered a giant oil field in the form of Bombay High, now known as Mumbai High. This discovery, along with subsequent discoveries of huge oil and gas fields in Western offshore changed the oil scenario of the country. Subsequently, over 5 billion tonnes of hydrocarbons, which were present in the country, were discovered. The most important contribution of ONGC, however, is its self-reliance and development of core competence in E&P activities at a globally competitive level.

The liberalized economic policy, adopted by the Government of India in July 1991, sought to deregulate and de-license the core sectors (including petroleum sector) with partial disinvestments of government equity in Public Sector Undertakings and other measures. As a consequence, thereof, ONGC was re-organized as a limited Company under the Company's Act, 1956 in February 1994.

After the conversion of business of the erstwhile Oil & Natural Gas Commission to that of Oil & Natural Gas Corporation Limited in 1993, the Government disinvested 2 per cent of its shares through competitive bidding. Subsequently, ONGC expanded its equity by another 2 per cent by offering shares to its employees.

2. Introduction

Internships are the way to explore or expend the related knowledge and skills required in a real world situation and experience to enter into a particular career field. It is basically for undergraduate student, or a trainee, it is not only for gaining experience, but also exposes them to the corporate world.

Every semester a large number of students apply for internship, but the number of students qualify the internship process depends on the number of vacant seats.

2.1. Problem Statement

The whole process from registration to selection of interns is manual, which means the student need to fill the paper form and send it to the company by post along with all the documents. Once received at the respective organization, they are carried over to the respective department (Human Resource Department) where the respective officials sort the applications and fill the data manually to their database. Then the supervisor accept or reject applications and the list of selected interns is displayed on the notice board. The students do need to walk to company's notice board to check if they have been selected.

After getting confirmed, students need to inform faculty's internship coordinator for approving.

Applying via a manual process may have some disadvantages as it requires the user to fill the form manually. And the data cannot be used directly, firstly, it needs to be updated by the supervisor in their database manually. This process is quite error prone and inefficient. Other than that, problem of losing, misplacement of the form or damaging the hardcopy form may occur.

To summarize, the conventional manual system suffers the following problems:

- ➤ It is a hard method to register offline.
- The handling of all the applications received is unsafe.



- > The updating of data of applicants to excel files is prone to error.
- > Notifying the selected students after the declaration of result is quite difficult.

2.2. Objectives

The purpose of this project is to design, build and implement an internship coordinating system with anytime and anywhere access availability.

- ➤ Develop a prototype where students can register themselves for internship online.
- > Develop a prototype where supervisor can accept or reject the applications.
- ➤ Develop a prototype where students can be informed about the status of their application.

All applicants' information will be stored in SQLite, a lightweight database. The main purpose of this project is to provide an easy-to-use interface for students and faculty to handle the internship process.

3. Proposed System

The key solution to avoiding all the problems mentioned previously is to find a unified way to solve the problems mentioned earlier. The only unified way is by computerization.

The proposed system is a web based application which digitalize the conventional manual system. This project is aimed at developing a web application for the Human Resource Department of the organization. It can be used by the Intern recruiters of the organization to manage the applicant's information.

3.1. Internship Coordinating Tool

Internship Coordinating Tool is a comprehensive tool for coordinating the registration process of the internship with the goal of registering and selecting the interns in a hassle free manner. By using RCT, students and the recruiters save a lot of time by accessing the form online anytime from anywhere.

A student wishing to intern can register him/herself by filling and submitting the form online. The supervisor/ recruiters can view, accept or reject the submitted applications. The report can be generated of all the applications, accepted applications and rejected applications accordingly.

Once the application has been accepted, a congratulating automated mail is sent to applicant's mail. The rejected applications shall not be deleted from the database so that that can be reviewed.

The administrator would be a caretaker of the entire system responsible for adding or deleting the supervisors (faculty members) who will be working hand-in with the applications. Administrator can add a new application or the delete the application forever from the database as well.

3.2. Tools and Technology Used

It is developed with Django, SQLite lite hence it is easy to maintain and further enhancements can be added without hassle.

3.2.1. **Django**



Django's documentation is exemplary and they are still maintained at the same level, which makes it easy to use. The framework is based on Python — a high-level, dynamic, and interpreted programming language. It is portable, multi-paradigm, and more interactive than any other language.

It is time-effective as there's a flexible, well-structured admin panel, better than Laravel or Yii's, for example. It has many out-of-the-box libraries and tools that allow you to assemble a good prototype in record time.

3.2.2. SQLite





SQLite is a very popular database which has been successfully used with on disk file format for desktop applications like version control systems, financial analysis tools, media cataloging and editing suites, CAD packages, record keeping programs etc.

There are a lot of advantages to use SQLite as an application file format:

- > SQLite is a very <u>light weighted database</u>.
- > It only loads the data which is needed, rather than reading the entire file and hold it in memory.
- > If you edit small parts, it only overwrite the parts of the file which was changed.
- No installation is needed. Just download SQLite libraries in your computer and it is ready for creating the database.
- > It updates your content continuously so, little or no work is lost in a case of power failure or crash.
- SQLite is less bugs prone.
- SQLite is portable across all 32-bit and 64-bit operating systems and big- and little-endian architectures.
- > It can be used with all programming languages without any compatibility issue.
- > SQLite database's content is more likely to be recoverable if it has been lost. Data lives longer than code.
- > SQLite can be easily extended in in future releases just by adding new tables and/or columns. It also preserve the backwards compatibility.

3.2.3. Bootstrap



Bootstrap was developed by Twitter's team and is a combination of Javascript, CSS, and HTML code meant to help web developers build UI (User Interface) components. It's basically a free collection of tools used to develop responsive websites and web applications.. It is used for developing responsive and mobile first projects on the web. Following are the pros of using Bootstrap Development.

- > Fewer Cross browser bugs
- ➤ A consistent framework that supports major of all browsers and CSS compatibility fixes
- ➤ Lightweight and customizable
- Responsive structures and styles
- Several JavaScript plugins using the jQuery
- Good documentation and community support
- ➤ Loads of free and professional templates, WordPress themes and plugins
- Great grid system

3.2.4. Python Libraries Used

3.2.4.1. Smtplib

Simple Mail Transfer Protocol (SMTP) is a protocol, which handles sending e-mail and routing e-mail between mail servers.

Python provides **smtplib** module, which defines an SMTP client session object that can be used to send mail to any Internet machine with an SMTP or ESMTP listener daemon.

3.2.4.2. Openpyxel

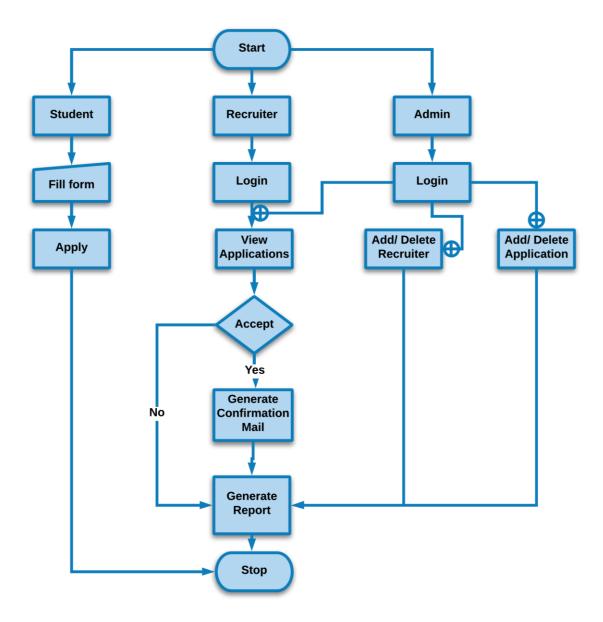
Openpyxl is a Python library for reading and writing Excel (with extension xlsx/xlsm/xltx/xltm) files. The openpyxl module allows Python program to read and modify Excel files.

It was born from lack of existing library to read/write natively from Python the Office Open XML format.

4. Methodology and Designing

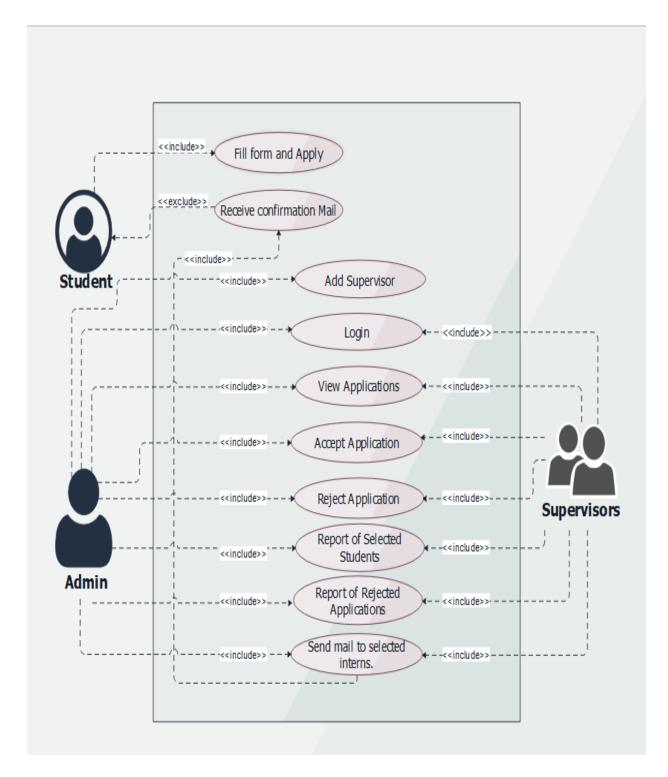
4.1. Flow Diagram:

The working of the proposed application has been shown in the following figure.



4.2. Use Case Diagram

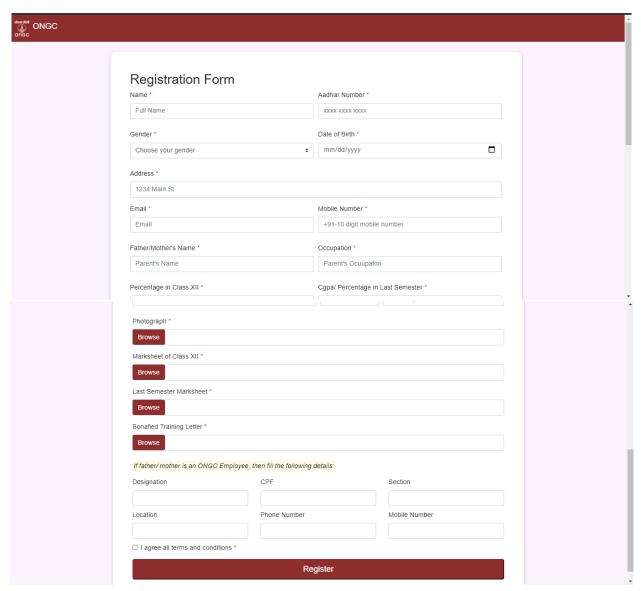
The use case diagram of the proposed application is shown in the following figure.



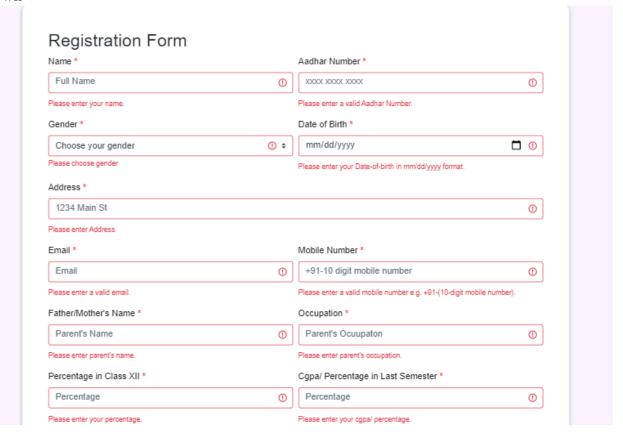
4.3. Screenshots

4.3.1. Applicant's Interface

The registration form to be filled by the applicant is shown below



The validation check in case the requirement is not fulfilled, then the following errors will be shown

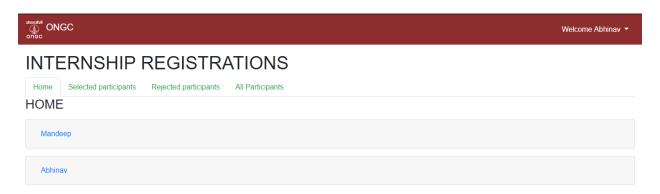


After the successful submission, the following message will be shown

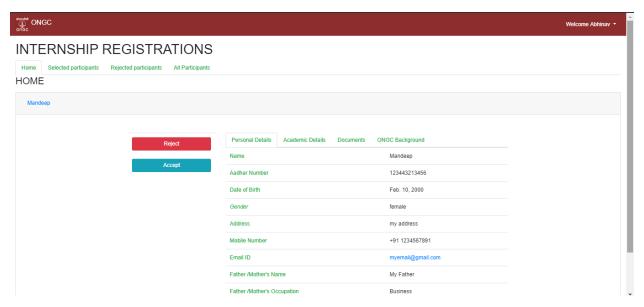


4.3.2. Recruiter's Interface

The features available for the recruiter are



The information of the applicant is shown as below to the recruiter

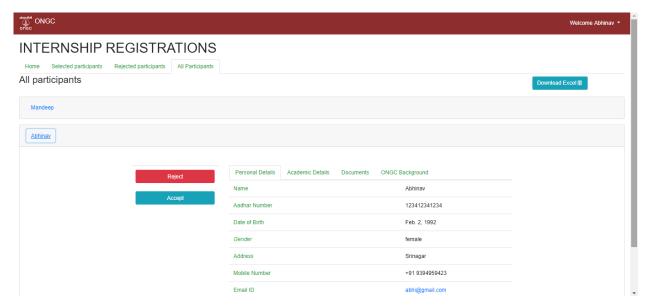


The list of all the selected students will appear here





The list of all the selected students will appear here



5. IMPLEMENTATION

5.1. Source Code

5.1.1. FRONT-END

5.1.1.1. Home.html

```
<!DOCTYPE html>
{% load static %}
<html lang="en">
    <!-- Required meta tags -->
   <meta charset="utf-8" />
   <meta
      name="viewport"
      content="width=device-width, initial-scale=1, shrink-to-fit=no"
    <!-- Bootstrap CSS -->
    link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.
css"
      integrity="sha384-
9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk"
      crossorigin="anonymous"
    <style>
      .pull-left {
        left: 0;
   </style>
    <title>ONGC Internship</title>
  </head>
  <body>
      class="navbar navbar-expand-lg navbar-dark"
      style="background-color: #8d2d2d;"
      <a class="navbar-brand" href="/">
```



```
src="https://www.ongcindia.com/wps/wcm/connect/e216d987-2812-428f-b7a4-
d0120d8ba406/logo.png?MOD=AJPERES&CACHEID=ROOTWORKSPACE-e216d987-2812-428f-b7a4-
d0120d8ba406-l19jnvr"
        width="40"
        height="40"
        class="d-inline-block align-top"
        alt=""
        loading="lazy"
       ONGC
     </a>
     <button
       class="navbar-toggler"
       type="button"
       data-toggle="collapse"
       data-target="#navbarSupportedContent"
       aria-controls="navbarSupportedContent"
       aria-expanded="false"
       aria-label="Toggle navigation"
       <span class="navbar-toggler-icon"></span>
     </button>
     <div class="collapse navbar-collapse" id="navbarSupportedContent">
       <a class="nav-link" href="/"</pre>
            >Home <span class="sr-only">(current)</span></a
        <a class="nav-link" href="/register">Register</a>
        class="nav-link dropdown-toggle"
            href="#"
            id="navbarDropdown"
            role="button"
            data-toggle="dropdown"
            aria-haspopup="true"
            aria-expanded="false"
            Login
```



```
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
          <!-- <a class="dropdown-item" href="student-login.html"
            >Student Login</a
          <a class="dropdown-item" href="mentor-login.html"</pre>
            >Mentor's Login</a
          <div class="dropdown-divider"></div> -->
          <button</pre>
            type="button"
            class="btn btn-outline-none btn-block"
            data-toggle="modal"
            data-target="#officerSigninModal"
            Officer's Login
          </button>
        </div>
      </div>
</nav>
{% for message in messages%}
<div class="alert alert-{{ message.tags }}" role="alert">
 <strong>Message: </strong> {{ message }}
 <button
   type="button"
   class="close"
   data-dismiss="alert"
   aria-label="Close"
   <span aria-hidden="true">&times;</span>
 </button>
</div>
{% endfor %}
<!-- Officer models -->
```

```
<!-- Modal -->
 class="modal fade"
 id="officerSigninModal"
 tabindex="-1"
 role="dialog"
 aria-labelledby="officerSigninModalLabel"
 aria-hidden="true"
 <div class="modal-dialog" role="document">
   <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="officerSigninModalLabel">
          Officer's Login
        </h5>
        <button</pre>
          type="button"
          class="close"
          data-dismiss="modal"
          aria-label="Close"
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <div class="modal-body">
        <form action="/officerlogin" method="post">
          {% csrf_token %}
          <div class="form-group">
            <label for="officerusername">Username</label>
            <input</pre>
              type="text"
              class="form-control"
              id="officerusername"
              name="officerusername"
              aria-describedby="emailHelp"
              placeholder="Enter email"
            <small id="emailHelp" class="form-text text-muted"</pre>
              >We'll never share your email with anyone else.</small
          </div>
          <div class="form-group">
            <label for="officerpass">Password</label>
            <input</pre>
              type="password"
```



```
class="form-control"
              id="officerpass"
              name="officerpass"
              placeholder="Password"
          </div>
          <button type="submit" class="btn btn-primary btn-block">
          </button>
        </form>
     </div>
   </div>
 </div>
</div>
<div
 id="carouselExampleControls"
 class="carousel slide"
 data-ride="carousel"
 <div class="carousel-inner">
   <div class="carousel-item active">
        src="https://source.unsplash.com/random/900x200/?petroleum"
        class="d-block w-100"
        alt="..."
    </div>
    <div class="carousel-item">
        src="https://source.unsplash.com/random/900x200/?deisel"
        class="d-block w-100"
       alt="..."
    </div>
    <div class="carousel-item">
        src="https://source.unsplash.com/random/900x200/?factory"
        class="d-block w-100"
        alt="..."
    </div>
 </div>
    class="carousel-control-prev"
```

```
href="#carouselExampleControls"
       role="button"
      data-slide="prev"
       <span class="carousel-control-prev-icon" aria-hidden="true"></span>
       <span class="sr-only">Previous</span>
     </a>
      class="carousel-control-next"
      href="#carouselExampleControls"
      role="button"
      data-slide="next"
      <span class="carousel-control-next-icon" aria-hidden="true"></span>
       <span class="sr-only">Next</span>
     </a>
   </div>
   <div class="jumbotron jumbotron-fluid">
     <div class="container">
      <h1 class="display-4">Intern with us!</h1>
       At ONGC, we offer many exciting opportunities for college students and
        recent graduates who want to develop relevant skills in a
         collaborative, dynamic and fast-paced environment. Our interns gain
        real, meaningful experience working for a global leader in the Oil &
        Gas industry.<br />
        ONGC is committed to groom talent to prepare the road map for
        tomorrow's national energy security. With this in view, ONGC offers
        various internship opportunities apart from Oil and Gas Jobs for
        freshers at ONGC.
       href="https://www.ongcindia.com/wps/wcm/connect/en/career/recruitment
policy/intern-with-us/"
           class="btn btn-lg btn-secondary"
           >Learn more</a
      </div>
   </div>
   <!-- Optional JavaScript -->
   <!-- jQuery first, then Popper.js, then Bootstrap JS -->
   <script
```

```
ओछ्नजीसी
्री
ONGC
```

```
src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
      integrity="sha384-
DfXdz2htPH01sSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
      crossorigin="anonymous"
    ></script>
    <script
      src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
      integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
      crossorigin="anonymous"
    ></script>
    <script
      src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js
      integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
      crossorigin="anonymous"
    ></script>
  </body>
</html>
```

5.1.1.2. Registration.html

```
<!doctype html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-</pre>
to-fit=no">
    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5</pre>
.0/css/bootstrap.min.css"
        integrity="sha384-
9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="an
onymous">
    <title>Register</title>
    <style>
            box-sizing: border-box;
```

```
body {
    background-color: #faf3fd;
    font-family: 'Open Sans', sans-serif;
    display: flexbox;
    align-items: center;
    justify-content: center;
   min-height: 100vh;
    margin: 0;
.container {
    background-color: #fff;
    margin: 0 auto;
    border-radius: 15px;
    box-shadow: 0 2px 5px rgba(17, 17, 17, 0.3);
    overflow: hidden;
   width: 1000px;
    max-width: 100%;
    padding: 3rem;
.header {
    border-bottom: 1px solid #f0f0f0;
    background-color: #f7f7f7;
    padding: 20px 40px;
.header h2 {
    margin: 0;
.lead {
    font-family: 'Open Sans', sans-serif;
    padding-top: 10px;
    font-size: inherit;
.form {
    padding: 30px 40px;
.form-control {
    margin-bottom: 10px;
```

```
ongc
            padding-bottom: 20px;
            position: relative;
            padding-top: 1rem;
        .form-control label {
            display: inline-block;
            margin-bottom: 5px;
        .form-control input {
            border: 2px solid #f0f0f0;
            border-radius: 4px;
            display: block;
            font-family: inherit;
            font-size: 14px;
            padding: 10px;
            width: 100%;
        .form-control input:focus {
            outline: 0;
            border-color: #777;
        .btn-primary {
            background-color: #8d2d2d !important;
            border-color: #8d2d2d !important;
        .btn-primary:hover,
        .btn-primary:active,
        .btn-primary:visited,
        .btn-primary:focus {
            background-color: #8f3c3c !important;
            border-color: #8f3c3c !important;
    </style>
<body>
    <nav class="navbar navbar-expand-lg navbar-dark" style="background-</pre>
color: #8d2d2d;">
       <a class="navbar-brand" href="/">
```



```
<img src="https://www.ongcindia.com/wps/wcm/connect/e216d987-2812-</pre>
428f-b7a4-d0120d8ba406/logo.png?MOD=AJPERES&CACHEID=ROOTWORKSPACE-e216d987-2812-
428f-b7a4-d0120d8ba406-l19jnvr"
                width="40" height="40" class="d-inline-block align-
top" alt="" loading="lazy">
            ONGC
        </a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-</pre>
target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
    </nav>
    {% for message in messages%}
    <div class="alert alert-{{ message.tags }}" role="alert">
      <strong>Message: </strong> {{ message }}
      <button
        type="button"
        class="close"
        data-dismiss="alert"
        aria-label="Close"
        <span aria-hidden="true">&times;</span>
      </button>
    </div>
    {% endfor %}
    <div class="container mt-4">
        <h2>Registration Form</h2>
        <form class="needs-</pre>
validation" method="post" action="register" enctype="multipart/form-
data" novalidate>
            {% csrf_token %}
            <div class="form-row">
                <div class="form-group col-md-6">
                    <label for="name">Name&nbsp;<span style="color: red">*</label</pre>
                    <input type="text" class="form-</pre>
control" id="name" name="name" placeholder="Full Name" required>
                    <div class="invalid-feedback">
                        Please enter your name.
                    </div>
                </div>
```

```
<div class="form-group col-md-6">
                    <label for="aadhar">Aadhar Number&nbsp;<span style="color: re</pre>
d">*</label>
                    <input type="number" class="form-</pre>
control" id="aadhar" name="aadhar"
                        pattern="^[2-9]{1}[0-9]{3}\\s[0-9]{4}\\s[0-
9]{4}$" placeholder="xxxx xxxx xxxx" required>
                    <div class="invalid-feedback">
                         Please enter a valid Aadhar Number.
                    </div>
                </div>
            </div>
            <div class="form-row">
                <div class="col-md-6">
                    <label for="gender">Gender&nbsp;<span style="color: red">*
abel>
                    <select class="custom-</pre>
select" id="gender" name="gender" required>
                        <option value="">Choose your gender</option>
                         <option value="male">Male</option>
                         <option value="female">Female</option>
                         <option value="others">Others</option>
                    </select>
                    <div class="invalid-feedback">Please choose gender</div>
                </div>
                <div class="form-group col-md-6">
                    <label for="dob">Date of Birth&nbsp;<span style="color: red">
*</label>
                    <input type="date" class="form-</pre>
control" id="dob" name="dob" max="2020-01-01" min="1980-01-31" required>
                    <div class="invalid-feedback">
                        Please enter your Date-of-birth in mm/dd/yyyy format.
                    </div>
                </div>
            </div>
            <div class="form-group">
                <label for="address">Address&nbsp;<span style="color: red">*</lab</pre>
el>
                <input type="text" class="form-</pre>
control" id="address" name="address" placeholder="1234 Main St" required>
                <div class="invalid-feedback">
                    Please enter Address.
```

```
</div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-6">
                     <label for="mailadd">Email&nbsp;<span style="color: red">*</l</pre>
abel>
                     <input type="email" class="form-</pre>
control" id="mailadd" name="mailadd" placeholder="Email" required>
                    <div class="invalid-feedback">
                         Please enter a valid email.
                     </div>
                </div>
                <div class="form-group col-md-6">
                     <label for="mobile">Mobile Number&nbsp;<span style="color: re</pre>
d">*</label>
                     <input type="text" class="form-</pre>
control" id="mobile" name="mobile" pattern="^\+?([9][1])\)?[- ]?([0-9]{10})$"
                         placeholder="+91-10 digit mobile number" required>
                     <div class="invalid-feedback">
                         Please enter a valid mobile number e.g. +91-(10-
digit mobile number).
                     </div>
                </div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-6">
                     <label for="father">Father/Mother's Name&nbsp;<span style="co"</pre>
lor: red">*</label>
                     <input type="text" class="form-</pre>
control" id="father" name="father" placeholder="Parent's Name" required>
                    <div class="invalid-feedback">
                         Please enter parent's name.
                     </div>
                </div>
                <div class="form-group col-md-6">
                     <label for="occupation">Occupation&nbsp;<span style="color: r</pre>
ed">*</label>
                     <input type="text" class="form-</pre>
control" id="occupation" name="occupation" placeholder="Parent's Occupation" requi
red>
                     <div class="invalid-feedback">
                         Please enter parent's occupation.
                     </div>
```

```
</div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-6">
                     <label for="std12">Percentage in Class XII&nbsp;<span style="</pre>
color: red">*</label>
                    <input type="text" class="form-</pre>
control" id="std12" name="std12" placeholder="Percentage" required>
                    <div class="invalid-feedback">
                         Please enter your percentage.
                     </div>
                </div>
                <div class="form-group col-md-6">
                     <label for="cgpa">Cgpa/ Percentage in Last Semester&nbsp;<spa</pre>
n style="color: red">*</label>
                     <input type="text" class="form-</pre>
control" id="cgpa" name="cgpa" placeholder="Percentage" required>
                    <div class="invalid-feedback">
                         Please enter your cgpa/ percentage.
                     </div>
                </div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-6">
                     <label for="institute">Name of present Institute&nbsp;<span s</pre>
tyle="color: red">*</label>
                     <input type="text" class="form-</pre>
control" id="institute" name="institute" placeholder="Institute Name" required>
                    <div class="invalid-feedback">
                         Please enter a Institute's name.
                     </div>
                </div>
                <div class="col-md-2">
                     <label for="pyear">Present Year&nbsp;<span style="color: red"</pre>
>*</label>
                    <select class="custom-</pre>
select" id="pyear" name="pyear" required>
                         <option value="">Select Present Year</option>
                         <option value="2">2</option>
                         <option value="3">3</option>
                         <option value="4">4</option>
                         <option value="5">5</option>
                     </select>
                     <div class="invalid-feedback">
```

```
Please enter your present year at college.
                    </div>
                </div>
                <div class="col-md-4">
                    <label for="course">Course&nbsp;<span style="color: red">*</l>
abel>
                    <select class="custom-</pre>
select" id="course" name="course" onfocus='this.size=5;' onblur='this.size=1;'
                        onchange='this.size=1; this.blur();' required>
                        <option value="">Choose your course</option>
                        <option value="BE/B. Tech CS">BE/B. Tech CS</option>
                        <option value="BE/B. Tech IT">BE/B. Tech IT</option>
                        <option value="BE/B. Tech Electronics & Telecommunication</pre>
'>BE/B. Tech Electronics &
                             Telecommunication</option>
                        <option value="Environment Science">Environment Science/
option>
                        <option value="Law">Law</option>
                        <option value="Logistics">Logistics</option>
                        <option value="Mass Communication">Mass Communication
tion>
                        <option value="Micro-Biology">Micro-Biology</option>
                        <option value="Geology">Geology</option>
                        <option value="Geophysics">Geophysics</option>
                        <option value="MBA(HR)">MBA(HR)</option>
                        <option value="MBA(Finance)">MBA(Finance)</option>
                        <option value="MCA">MCA</option>
                        <option value="MSc. Chemistry">MSc. Chemistry</option>
                        <option value="Mech. Engineering">Mech. Engineering</opti</pre>
                        <option value="Petroleum Engineering">Petroleum Engineeri
ng</option>
                        <option value="Electrical Engineering">Electrical Enginee
ring</option>
                        <option value="Chem. Engineering">Chem. Engineering</opti</pre>
                        <option value="Civil Engineering">Civil Engineering</opti</pre>
                    </select>
                    <div class="invalid-feedback">
                        Please enter your present course.
                    </div>
                </div>
            </div>
```

```
<div class="form-group">
                <label for="photo">Photograph&nbsp;<span style="color: red">*</la</pre>
bel>
                <div class="input-group">
                     <span class="input-group-btn">
                         <span class="btn btn-primary"</pre>
                             onclick="$(this).parent().find('input[type=file]').cl
ick();">Browse</span>
                         <input id="photo" name="photo" accept="image/*"</pre>
                             onchange="$(this).parent().parent().find('.form-
control').html($(this).val().split(/[\\|/]/).pop());"
                             style="display: none;" type="file" required>
                         <div class="invalid-feedback">
                             Please upload .jpg/.png.
                         </div>
                     </span>
                     <span class="form-control"></span>
                </div>
            </div>
            <div class="form-group">
                <label for="marksheet12">Marksheet of Class XII&nbsp;<span style=</pre>
 color: red">*</label>
                <div class="input-group">
                     <span class="input-group-btn">
                         <span class="btn btn-primary"</pre>
                             onclick="$(this).parent().find('input[type=file]').cl
ick();">Browse</span>
                         <input name="marksheet12" id="marksheet12" name="markshee</pre>
t12" accept=".pdf"
                             onchange="$(this).parent().find('.form-
control').html($(this).val().split(/[\\|/]/).pop());"
                             style="display: none;" type="file" required>
                         <div class="invalid-feedback">
                             Please upload .pdf file.
                         </div>
                     </span>
                     <span class="form-control"></span>
                </div>
            </div>
            <div class="form-group">
                <label for="dmc">Last Semester Marksheet&nbsp;<span style="color:</pre>
 red">*</label>
                <div class="input-group">
                     <span class="input-group-btn">
```



```
<span class="btn btn-primary"</pre>
                            onclick="$(this).parent().find('input[type=file]').cl
ick();">Browse</span>
                        <input name="dmc" id="dmc" accept=".pdf"</pre>
                            onchange="$(this).parent().find('.form-
control').html($(this).val().split(/[\\|/]/).pop());"
                            style="display: none;" type="file" required>
                        <div class="invalid-feedback">
                            Please upload .pdf file.
                        </div>
                    </span>
                    <span class="form-control"></span>
                </div>
            </div>
            <div class="form-group">
                <label for="certificate">Bonafied Training Letter&nbsp;<span styl</pre>
e="color: red">*</label>
                <div class="input-group">
                    <span class="input-group-btn">
                        <span class="btn btn-primary"</pre>
                            onclick="$(this).parent().find('input[type=file]').cl
ick();">Browse</span>
                        <input name="certificate" id="certificate" accept=".pdf"</pre>
                            onchange="$(this).parent().find('.form-
control').html($(this).val().split(/[\\|/]/).pop());"
                            style="display: none;" type="file" required>
                        <!-- </div> -->
                        <br>
                           <div class="invalid-feedback">
                            Please upload .pdf file.
                        </div>
                    </span>
                    <span class="form-control"></span>
                </div>
            </div>
            <mark>
                    If father/ mother is an ONGC Employee, then fill the followin
g details:
                </mark>
```

```
oñc
            <div class="row">
                <div class="col-4">
                     <label for="designation">Designation</label>
                     <input type="text" class="form-</pre>
control" id="designation" name="designation">
                </div>
                <div class="col-4">
                     <label for="CPF">CPF</label>
                     <input type="text" class="form-control" id="CPF" name="CPF">
                </div>
                <div class="col-4">
                     <label for="section">Section</label>
                    <input type="text" class="form-</pre>
control" id="section" name="section">
                </div>
            </div>
            <div class="row">
                <div class="col-4">
                    <label for="location">Location</label>
                     <input type="text" class="form-</pre>
control" id="location" name="location">
                </div>
                <div class="col-4">
                     <label for="phoneNo">Phone Number</label>
                     <input type="text" class="form-</pre>
control" id="phoneNo" name="phoneNo">
                </div>
                <div class="col-4">
                    <label for="parMobile">Mobile Number</label>
                     <input type="text" class="form-</pre>
control" id="parMobile" name="parMobile" pattern="^\+?([9][1])\)?[- ]?([0-
9]{10})$">
                    <div class="invalid-feedback">
                        Please enter a valid mobile number e.g. +91-(10-
digit mobile number).
                    </div>
                </div>
            </div>
            <div class="form-group">
                <div class="form-check">
                     <input class="form-check-</pre>
input" type="checkbox" id="gridCheck" required>
```

<label class="form-check-label" for="gridCheck">

```
I agree all terms and conditions <span style="color:
 red">*
                    </label>
                </div>
            </div>
            <button type="submit" class="btn-primary btn-lg btn-</pre>
block">Register
        </form>
    </div>
    <!-- Optional JavaScript -->
    <script>
        // Example starter JavaScript for disabling form submissions if there are
 invalid fields
        (function () {
            'use strict';
            window.addEventListener('load', function () {
                // Fetch all the forms we want to apply custom Bootstrap validati
on styles to
                var forms = document.getElementsByClassName('needs-validation');
                // Loop over them and prevent submission
                var validation = Array.prototype.filter.call(forms, function (for
m) {
                    form.addEventListener('submit', function (event) {
                        if (form.checkValidity() === false) {
                            event.preventDefault();
                            event.stopPropagation();
                        form.classList.add('was-validated');
                    }, false);
                });
            }, false);
        })();
    </script>
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
        integrity="sha384-
DfXdz2htPH01sSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
        crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.mi</pre>
n.js"
        integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
        crossorigin="anonymous"></script>
```

5.1.1.3. mail.html

```
<!DOCTYPE html>
<html lang="en">
 <meta charset="UTF-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 <title>Document</title>
</head>
<body>
 To, 
 Taat
   This has reference to your request letter for training in B.E/B.Tech -
   Computer Science at ONGC, Dehradun. We are pleased to inform that your
   name has been short-listed for summer training for a period of 1 month.
 You are hereby requested to contact Mr. Animesh Shukla, SE (Electronics),
   Mobile Number 9969225794 for internship before 30th May, 2020. Further,
   the student is also advised to confirm his participation in summer
   training to this office at email SAILOA@ongc.co.in , or phone no.
   0135-2796501/ 2796665 by return mail before 30/05/2020.
 This training shall be under the following terms and conditions:-
   1. Student will undergo training in online mode only i.e. email, mobile
   etc. Visit to ONGC Campus is not allowed due to ongoing Covid-19 pandemic.
```



```
2. No stipend will be paid to the student by ONGC for the period of
   training.
 3. The training shall not incur any liability on ONGC for providing any
   job to the trainee.
 4. The student will undergo training at his/her own risk and ONGC will not
   be held responsible for any injury etc. caused to him during the period of
   the training.
 5. The student will remain in regular touch with his/her mentor during the
   training period. Minimum two interactions in a week are mandatory for
   completion of summer training.
 6. On completion of the period of training, the student will have to
   submit a Project Report ( in soft copy) along with the attached Progress
   Report/Final Evaluation form for Summer Training( duly filled in Part-A )
   to the respective mentor.
 7. On the basis of the Project Report, the Mentor would issue a "Progress
   Report of Completion" in attached format and the same along with the
   Project Report submitted by the student, will be forwarded by the mentor
   to SAILOA@ongc.co.in with a copy to the student.
 8. The "Completion Certificate" to the student will be issued by the
   competent authority only after receipt of the "Progress Report" with their
   Project Report evaluated by the mentor.
 Yours sincerely,
 -sd-
 (Giri Raj Dhiman)
 >Deputy General Manager (HR)
</body>
</html>
```

5.1.1.4. Officer.html

```
<!doctype html>
<html lang="en">
<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-</pre>
fit=no">
  <!-- Bootstrap CSS -->
  <link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
    integrity="sha384-
9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZ15MYYxFfc+NcPb1dKGj7Sk"
crossorigin="anonymous">
  <style>
    body {
      background-color: white;
      font-family: 'Open Sans', sans-serif;
      display: flexbox;
      align-items: center;
      justify-content: center;
      min-height: 100vh;
      margin: 0;
      transition: background-color .5s;
    .sidenav {
      height: 100%;
      width: 0;
      position: fixed;
      z-index: 1;
      top: 0;
      left: 0;
      background-color: #8d2d2d;
      overflow-x: hidden;
      transition: 0.5s;
    .sidenav a {
      padding: 8px 8px 8px 32px;
```



```
text-decoration: none;
      font-size: 20px;
      color: #818181;
      display: block;
      transition: 0.3s;
    .sidenav a:hover {
      color: #f1f1f1;
    .sidenav .closebtn {
      position: absolute;
      top: 0;
      right: 25px;
      font-size: 35px;
      margin-left: 50px;
    #main {
      transition: margin-left .5s;
      padding: 14px;
    @media screen and (max-height: 450px) {
      .sidenav {
        padding-top: 15px;
      .sidenav a {
        font-size: 18px;
  </style>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip</pre>
  <script>
    $(function () {
      $('a[data-toggle="tab"]').on('click', function (e) {
        window.localStorage.setItem('activeTab', $(e.target).attr('href'));
      });
      var activeTab = window.localStorage.getItem('activeTab');
```



```
if (activeTab) {
        $('#myTab a[href="' + activeTab + '"]').tab('show');
    });
    function myFunction() {
      window.localStorage.clear();
  </script>
  <title>Officer's Page</title>
</head>
<body>
  <nav class="navbar navbar-expand-lg navbar-dark" style="background-color:</pre>
#8d2d2d;">
    <a class="navbar-brand" href="/">
        src="https://www.ongcindia.com/wps/wcm/connect/e216d987-2812-428f-b7a4-
d0120d8ba406/logo.png?MOD=AJPERES&CACHEID=ROOTWORKSPACE-e216d987-2812-428f-b7a4-
d0120d8ba406-l19jnvr"
        width="40" height="40" class="d-inline-block align-top" alt=""
loading="lazy">
      ONGC
    </a>
    <div class="ml-auto form-inline">
      <div class="dropdown">
        <button class="btn btn-outline-none dropdown-toggle" type="button"</pre>
id="dropdownMenuButton"
          data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"
style="color: white;">
          Welcome {{request.user.first_name}}
        </button>
        <div class="dropdown-menu" aria-labelledby="dropdownMenuButton">
          <a class="dropdown-item" href="officerlogout"</pre>
onclick="myFunction()">Logout</a>
        </div>
      </div>
```



```
<button class="navbar-toggler" type="button" data-toggle="collapse" data-</pre>
target="#navbarSupportedContent"
        aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
    </div>
    <!-- <ul class="nav navbar-nav navbar-right">
            <a href="#"><span class="glyphicon glyphicon-log-in"></span> Sign
Out</a>
           -->
  </nav>
  {% for message in messages%}
  <div class="alert alert-{{ message.tags }}" role="alert">
    <strong>Message: </strong> {{ message }}
    <button type="button" class="close" data-dismiss="alert" aria-label="Close">
      <span aria-hidden="true">&times;</span>
    </button>
  </div>
  {% endfor %}
  <!-- d
d
d
d
d
d
d
d
d
d
d
d
d
```

```
d
 <div class=" m-3">
  <h1>INTERNSHIP REGISTRATIONS</h1>
  <div>
    <a data-toggle="tab" href="#Home"</pre>
class="text-success nav-link active "><i
          class="fa fa-bookmark-o"></i> Home</a>
     <a data-toggle="tab" href="#Selected" class="text-</pre>
success nav-link"><i
          class="fa fa-home"></i></i>
        Selected participants</a>
     <a data-toggle="tab" href="#Rejected" class="text-</pre>
success nav-link"><i
          class="fa fa-info"></i>
        Rejected participants</a>
     <a data-toggle="tab" href="#Allpart" class="text-</pre>
success nav-link"><i</pre>
          class="fa fa-info"></i>
        All Participants</a>
    <div class="tab-content">
     <!--
#
                              Home
     #
<div id="Home" class="tab-pane active">
       <h3>H0ME</h3>
       {% for i in allforms %}
       {% ifequal i.counter 0 %}
```



```
<div class="accordion my-3" id="accordionExample">
            <div class="card" id="{{ forloop.counter0 }}">
              <div class="card-header" id="heading{{ forloop.counter0 }}">
                <h5 class="mb-0">
                  <button class="btn btn-link collapsed" type="button" data-</pre>
toggle="collapse"
                    data-target="#collapse{{ forloop.counter0 }}" aria-
expanded="false" aria-controls="collapseTwo">
                   {{i.name}}
                  </button>
                </h5>
              </div>
              <div id="collapse{{ forloop.counter0 }}" class="collapse" aria-</pre>
labelledby="headingTwo"
                data-parent="#accordionExample">
                <div class="card-body">
                  <div class="row panel panel-success" style="margin-top:2%;">
                    <div class="fluid container">
                      <div class="panel-body">
                        <div class="row">
                          <div class="col-lg-12 col-md-12">
                            <div class="row">
                              <div class="col-lg-3 col-md-3">
                                <div class="table-responsive panel">
                                  <form action="/deleterecent"</pre>
method="post" my-1>
                                            {% csrf token %}
                                            <input type="hidden" name="dvalue"</pre>
value="{{i.sno}}">
                                            <button type="submit" class="btn btn-</pre>
danger text-white btn-block"><i</pre>
                                                class="fa fa-rupee"></i>
                                              Reject</button>
                                          </form>
                                          <br>
                                          <form action="/acceptrecent"</pre>
method="post" my-1>
                                            {% csrf token %}
```



```
<input type="hidden" name="dvalue1"</pre>
value="{{i.sno}}">
                                       <button type="submit" class="btn btn-</pre>
info text-white btn-block"><i</pre>
                                           class="fa fa-rupee"></i>
                                         Accept</button>
                                      </form>
                                    </div>
                           </div>
                           <div class="col-lg-9 col-md-9">
                            <a data-toggle="tab"</pre>
href="#Personal{{ forloop.counter0 }}"
                                  class="text-success nav-link active"><i</pre>
class="fa fa-bookmark-o"></i> Personal
                                  Details</a>
                              <a data-toggle="tab"</pre>
href="#Academic{{ forloop.counter0 }}"
                                  class="text-success nav-link"><i class="fa</pre>
fa-home"></i>
                                  Academic Details</a>
                              <a data-toggle="tab"</pre>
href="#Documents{{ forloop.counter0 }}"
                                  class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
                                  Documents</a>
                              <a data-toggle="tab"</pre>
href="#ONGCBackground{{ forloop.counter0 }}"
                                  class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
                                  ONGC Background</a>
                            <div class="tab-content">
                              <div id="Personal{{ forloop.counter0 }}"</pre>
class="tab-pane active">
                                <div class="table-responsive panel">
```



```
 Name
                 {{i.name}}
                Aadhar
Number
                 {{i.aadhar}}
                 Date of
Birth
                 {{ i.dob }}
                <i class="fa
fa-user"> Gender
                 {{ i.gender }}
                Address
{{ i.address }}
                Mobile
Number
                 {{ i.mobile }}
                 Email
ID
                 <a href="">{{ i.email }}</a>
                  Father
/Mother's
                 Name
                 {{ i.fname }}
                Father
/Mother's
```



```
Occupation
                        {{ i.foccupation }}
                       </div>
                  </div>
                  <div id="Academic{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                   <div class="table-responsive panel">
                    Name of the
                         Institute
                        {{ i.institutename }}
                       Name of the
Present
                         Course
                        {{ i.course }}
                       Present
Year
                        {{ i.presentyear }}
                       Latest
Sem/Year
                         Percentage
                        {{ i.cgpa }}
                       Percentage
in class
                         XII
                        {{ i.percentage12 }}
                       </div>
                  </div>
```



```
<div id="Documents{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                            <div class="table-responsive panel">
                             <td class="text-
success">Photoraph
                                  <a href="media/{{ i.photograph
}}" target="_blank">{{ i.name}}
                                     ({{ i.aadhar }})
Training
/Bonafied
                                   Letter
                                  <a href="media/{{ i.bletter }}"
target="_blank">{{ i.name}}
                                     ({{ i.aadhar }})
letter.pdf</a>
                                Latest
Marksheet
                                  <a href="media/{{ i.lmarksheet}
}}" target="_blank">{{ i.name}}
                                     ({{ i.aadhar }}) dmc.pdf</a>
                                Class XII
Marksheet
                                  <a href="media/{{ i.marksheet12}}
}}" target="_blank">{{ i.name}}
                                     ({{ i.aadhar }}) xii.pdf</a>
                                </div>
                          </div>
                          <div id="ONGCBackground{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                            <div class="table-responsive panel">
```



```
<td class="text-
success">Designation
                          {{ i.Designatione }}
                        CPF
                          {{ i.CPF }}
                        Section
                          {{ i.Section }}
                        <td class="text-
success">Location
                         {{ i.Location }}
                        Mobile
Number
                         {{ i.MobileNumber }}
                        </div>
                    </div>
                  </div>
                 </div>
                </div>
               </div>
              </div>
              <!-- /.table-responsive -->
             </div>
           </div>
          </div>
         </div>
        </div>
       </div>
     </div>
      {% endifequal %}
```

```
{% endfor %}
      </div>
      <!--
#
                                   Selected One
<div id="Selected" class="tab-pane fade ">
        <div class="row">
          <div class="col-lg-9 col-md-9 ">
           <h3>Selected One</h3>
          <div class="input-group col-lg-3 col-md-3 pt-3">
           <div class="mt-6 mb-1"><a role="button" class="btn btn-info "</pre>
               href="media/xl sheets1/selected one xl file.xlsx">Download
Excel <svg width="1em" height="1em"</pre>
                viewBox="2 2 16 16" class="bi bi-file-spreadsheet-fill"
fill="currentColor"
                xmlns="http://www.w3.org/2000/svg">
                <path fill-rule="evenodd"</pre>
                  d="M12 1H4a2 2 0 0 0-2 2v2h12V3a2 2 0 0 0-2-2zm2 5h-
4v2h4V6zm0 3h-4v2h4V9zm0 3h-4v3h2a2 2 0 0 0 2-2v-1zm-5 3v-3H6v3h3zm-4 0v-3H2v1a2
2 0 0 0 2 2h1zm-3-4h3V9H2v2zm0-3h3V6H2v2zm4 0V6h3v2H6zm0 1h3v2H6V9z" />
               </svg></a>
           </div>
           <form class="ml-2" action="/sendmails" method="post" my-1</pre>
style="padding-left: 2em;">
             {% csrf_token %}
             <button type="submit" class="btn btn-success text-white btn-</pre>
block" style="width: 8em;"><i</pre>
                class="fa fa-rupee"></i>
               Sent Mail <svg width="1em" height="1em" viewBox="0 2 16 16"
class="bi bi-envelope" fill="currentColor"
```



```
xmlns="http://www.w3.org/2000/svg">
                   <path fill-rule="evenodd"</pre>
                     d="M0 4a2 2 0 0 1 2-2h12a2 2 0 0 1 2 2v8a2 2 0 0 1-2 2H2a2
2 0 0 1-2-2V4zm2-1a1 1 0 0 0-1 1v.217l7 4.2 7-4.2V4a1 1 0 0 0-1-1H2zm13 2.383l-
4.758 2.855L15 11.114v-5.73zm-.034 6.878L9.271 8.82 8 9.583 6.728 8.82l-5.694
3.44A1 1 0 0 0 2 13h12a1 1 0 0 0 .966-.739zM1 11.11414.758-2.876L1 5.383v5.73z"
                 </svg></button>
             </form>
            </div>
          </div>
          {% for i in allforms %}
          {% ifequal i.counter 2 %}
          <div class="accordion my-3" id="accordionExample">
            <div class="card" id="{{ forloop.counter0 }}">
              <div class="card-header" id="heading{{ forloop.counter0 }}">
               <h5 class="mb-0">
                  <button class="btn btn-link collapsed" type="button" data-</pre>
toggle="collapse"
                   data-target="#collapse{{ forloop.counter0 }}" aria-
expanded="false" aria-controls="collapseTwo">
                   {{i.name}}
                 </button>
                </h5>
              </div>
              <div id="collapse{{ forloop.counter0 }}" class="collapse" aria-</pre>
labelledby="headingTwo"
               data-parent="#accordionExample">
               <div class="card-body">
                  <div class="row panel panel-success" style="margin-top:2%;">
                   <div class="fluid container">
                     <div class="panel-body">
                       <div class="row">
                         <div class="col-lg-12 col-md-12">
                           <div class="row">
                             <div class="col-lg-3 col-md-3">
                               <div class="table-responsive panel">
                                 <form action="/deleterecent"</pre>
method="post" my-1>
```



```
{% csrf token %}
                                          <input type="hidden" name="dvalue"</pre>
value="{{i.sno}}">
                                          <button type="submit" class="btn btn-</pre>
danger text-white btn-block"><i</pre>
                                              class="fa fa-rupee"></i>
                                            Reject</button>
                                        </form>
                                        <br>
                                        <form action="/acceptrecent"</pre>
method="post" my-1>
                                          {% csrf_token %}
                                          <input type="hidden" name="dvalue1"</pre>
value="{{i.sno}}">
                                          <button type="submit" class="btn btn-</pre>
info text-white btn-block"><i</pre>
                                              class="fa fa-rupee"></i>
                                            Accept</button>
                                        </form>
                                      </div>
                             </div>
                             <div class="col-lg-9 col-md-9">
                               <a data-toggle="tab"</pre>
href="#Personal{{ forloop.counter0 }}"
                                    class="text-success nav-link active"><i</pre>
class="fa fa-bookmark-o"></i> Personal
                                    Details</a>
                                <a data-toggle="tab"</pre>
href="#Academic{{ forloop.counter0 }}"
                                    class="text-success nav-link"><i class="fa</pre>
fa-home"></i>
                                    Academic Details</a>
                                <a data-toggle="tab"</pre>
href="#Documents{{ forloop.counter0 }}"
                                    class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
```



```
Documents</a>
                    <a data-toggle="tab"</pre>
href="#ONGCBackground{{ forloop.counter0 }}"
                      class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
                      ONGC Background</a>
                  <div class="tab-content">
                    <div id="Personal{{ forloop.counter0 }}"</pre>
class="tab-pane active">
                     <div class="table-responsive panel">
                       Name
                         {{i.name}}
                        Aadhar
Number
                         {{i.aadhar}}
                         Date of
Birth
                         {{ i.dob }}
                        <i class="fa
fa-user"> Gender
                         {{ i.gender }}
                        Address
{{ i.address }}
                        Mobile
Number
                         {{ i.mobile }}
```



```
 Email
ID
                      <a href="">{{ i.email }}</a>
                       Father
/Mother's
                       Name
                      {{ i.fname }}
                     Father
/Mother's
                       Occupation
                      {{ i.foccupation }}
                    </div>
                 </div>
                 <div id="Academic{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                  <div class="table-responsive panel">
                   Name of the
                       {{ i.institutename }}
                     Name of the
Present
                       Course
                      {{ i.course }}
                     Present
Year
                      {{ i.presentyear }}
                     Latest
Sem/Year
```



```
Percentage
                              {{ i.cgpa }}
                             Percentage
in class
                                XII
                              {{ i.percentage12 }}
                             </div>
                       </div>
                       <div id="Documents{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                         <div class="table-responsive panel">
                          <td class="text-
success">Photoraph
                              <a href="media/{{ i.photograph}
}}" target="_blank">{{ i.name}}
                                 ({{ i.aadhar }})
Training
/Bonafied
                                Letter
                              <a href="media/{{ i.bletter }}"
target="_blank">{{ i.name}}
                                 ({{ i.aadhar }})
letter.pdf</a>
                             Latest
Marksheet
                              <a href="media/{{ i.lmarksheeth
}}" target="_blank">{{ i.name}}
                                 ({{ i.aadhar }}) dmc.pdf</a>
```



```
Class XII
Marksheet
                           <a href="media/{{ i.marksheet12}}
}}" target="_blank">{{ i.name}}
                             ({{ i.aadhar }}) xii.pdf</a>
                         </div>
                     </div>
                     <div id="ONGCBackground{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                      <div class="table-responsive panel">
                       <td class="text-
success">Designation
                           {{ i.Designation }}
                         CPF
                           {{ i.CPF }}
                         Section
                           {{ i.Section }}
                         <td class="text-
success">Location
                           {{ i.Location }}
                         Mobile
Number
                           {{ i.MobileNumber }}
                         </div>
                     </div>
                   </div>
```

```
</div>
                       </div>
                     </div>
                    </div>
                    <!-- /.table-responsive -->
                  </div>
                </div>
              </div>
             </div>
           </div>
          </div>
        </div>
        {% endifequal %}
        {% endfor %}
      </div>
      <!--
#
                                  Rejected one
      #
      #
      #
<div id="Rejected" class="tab-pane fade ">
        <div class="row">
          <div class="col-lg-10 col-md-10 ">
           <h3>Rejected participants</h3>
          <div class="col-lg-2 col-md-2 mt-2 mb-1"><a role="button" class="btn"</pre>
btn-info "
             href="media/xl_sheets1/rejected_one_xl_file.xlsx">Download Excel
<svg width="1em" height="1em"</pre>
              viewBox="2 2 16 16" class="bi bi-file-spreadsheet-fill"
fill="currentColor"
              xmlns="http://www.w3.org/2000/svg">
              <path fill-rule="evenodd"</pre>
```



```
d="M12 1H4a2 2 0 0 0-2 2v2h12V3a2 2 0 0 0-2-2zm2 5h-
4v2h4V6zm0 3h-4v2h4V9zm0 3h-4v3h2a2 2 0 0 0 2-2v-1zm-5 3v-3H6v3h3zm-4 0v-3H2v1a2
2 0 0 0 2 2h1zm-3-4h3V9H2v2zm0-3h3V6H2v2zm4 0V6h3v2H6zm0 1h3v2H6V9z" />
                </svg></a>
            </div>
          </div>
          {% for i in allforms %}
          {% ifequal i.counter 1 %}
          <div class="accordion my-3" id="accordionExample">
            <div class="card" id="{{ forloop.counter0 }}">
              <div class="card-header" id="heading{{ forloop.counter0 }}">
                <h5 class="mb-0">
                  <button class="btn btn-link collapsed" type="button" data-</pre>
toggle="collapse"
                   data-target="#collapse{{ forloop.counter0 }}" aria-
expanded="false" aria-controls="collapseTwo">
                   \{\{i.name\}\}
                  </button>
                </h5>
              </div>
              <div id="collapse{{ forloop.counter0 }}" class="collapse" aria-</pre>
labelledby="headingTwo"
                data-parent="#accordionExample">
                <div class="card-body">
                  <div class="row panel panel-success" style="margin-top:2%;">
                    <div class="fluid container">
                      <div class="panel-body">
                        <div class="row">
                          <div class="col-lg-12 col-md-12">
                            <div class="row">
                              <div class="col-lg-3 col-md-3">
                                <div class="table-responsive panel">
                                  <form action="/deleterecent"</pre>
method="post" my-1>
                                            {% csrf token %}
                                            <input type="hidden" name="dvalue"</pre>
value="{{i.sno}}">
                                            <button type="submit" class="btn btn-</pre>
danger text-white btn-block"><i</pre>
                                                class="fa fa-rupee"></i>
```



```
Reject</button>
                                       </form>
                                       <br>
                                       <form action="/acceptrecent"</pre>
method="post" my-1>
                                         {% csrf token %}
                                         <input type="hidden" name="dvalue1"</pre>
value="{{i.sno}}">
                                         <button type="submit" class="btn btn-</pre>
info text-white btn-block"><i</pre>
                                             class="fa fa-rupee"></i></i>
                                           Accept</button>
                                       </form>
                                     </div>
                            </div>
                            <div class="col-lg-9 col-md-9">
                             <a data-toggle="tab"</pre>
href="#Personal{{ forloop.counter0 }}"
                                   class="text-success nav-link active"><i</pre>
class="fa fa-bookmark-o"></i> Personal
                                   Details</a>
                               <a data-toggle="tab"</pre>
href="#Academic{{ forloop.counter0 }}"
                                   class="text-success nav-link"><i class="fa</pre>
fa-home"></i>
                                   Academic Details</a>
                               <a data-toggle="tab"</pre>
href="#Documents{{ forloop.counter0 }}"
                                   class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
                                   Documents</a>
                               <a data-toggle="tab"</pre>
href="#ONGCBackground{{ forloop.counter0 }}"
                                   class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
                                   ONGC Background</a>
```



```
<div class="tab-content">
                <div id="Personal{{ forloop.counter0 }}"</pre>
class="tab-pane active">
                 <div class="table-responsive panel">
                   Name
                     {{i.name}}
                    Aadhar
Number
                     {{i.aadhar}}
                     Date of
Birth
                     {{ i.dob }}
                    <i class="fa
fa-user"> Gender
                     {{ i.gender }}
                    Address
{{ i.address }}
                    Mobile
Number
                     {{ i.mobile }}
                     Email
ID
                     <a href="">{{ i.email }}</a>
```



```
 Father
/Mother's
                       Name
                      {{ i.fname }}
                     Father
/Mother's
                       Occupation
                      {{ i.foccupation }}
                     </div>
                 </div>
                 <div id="Academic{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                  <div class="table-responsive panel">
                   Name of the
                       {{ i.institutename }}
                     Name of the
Present
                       Course
                      {{ i.course }}
                     Present
Year
                      {{ i.presentyear }}
                     Latest
Sem/Year
                       Percentage
                      {{ i.cgpa }}
                     Percentage
in class
```



```
XII
                                {{ i.percentage12 }}
                              </div>
                        </div>
                        <div id="Documents{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                          <div class="table-responsive panel">
                           <td class="text-
success">Photoraph
                                <a href="media/{{ i.photograph}
}}" target="_blank">{{ i.name}}
                                   ({{ i.aadhar }})
Training
/Bonafied
                                 Letter
                                <a href="media/{{ i.bletter }}"
target="_blank">{{ i.name}}
                                   ({{ i.aadhar }})
letter.pdf</a>
                              Latest
Marksheet
                                <a href="media/{{ i.lmarksheeth
}}" target="_blank">{{ i.name}}
                                   ({{ i.aadhar }}) dmc.pdf</a>
                              Class XII
Marksheet
                                <a href="media/{{ i.marksheet12}}
}}" target="_blank">{{ i.name}}
                                   ({{ i.aadhar }}) xii.pdf</a>
```



```
</div>
                     </div>
                     <div id="ONGCBackground{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                      <div class="table-responsive panel">
                       <td class="text-
success">Designation
                           {{ i.Designation }}
                          CPF
                           {{ i.CPF }}
                          Section
                           {{ i.Section }}
                          <td class="text-
success">Location
                           {{ i.Location }}
                          Mobile
Number
                           {{ i.MobileNumber }}
                          </div>
                     </div>
                    </div>
                  </div>
                 </div>
                </div>
               </div>
               <!-- /.table-responsive -->
             </div>
```

```
</div>
               </div>
              </div>
            </div>
          </div>
        </div>
        {% endifequal %}
        {% endfor %}
       </div>
       <!--
#
       #
                                    All participants
       #
<div id="Allpart" class="tab-pane fade ">
         <div class="row">
          <div class="col-lg-10 col-md-10 ">
            <h3>All participants</h3>
          </div>
          <div class="col-lg-2 col-md-2 mt-2 mb-1"><a role="button" class="btn</pre>
btn-info "
              href="media/xl_sheets1/all_xl_file1.xlsx">Download Excel <svg</pre>
width="1em" height="1em"
               viewBox="2 2 16 16" class="bi bi-file-spreadsheet-fill"
fill="currentColor"
               xmlns="http://www.w3.org/2000/svg">
               <path fill-rule="evenodd"</pre>
                 d="M12 1H4a2 2 0 0 0-2 2v2h12V3a2 2 0 0 0-2-2zm2 5h-
4v2h4V6zm0 3h-4v2h4V9zm0 3h-4v3h2a2 2 0 0 0 2-2v-1zm-5 3v-3H6v3h3zm-4 0v-3H2v1a2
2 0 0 0 2 2h1zm-3-4h3V9H2v2zm0-3h3V6H2v2zm4 0V6h3v2H6zm0 1h3v2H6V9z" />
              </svg></a>
          </div>
        </div>
         {% for i in allforms %}
        {% if i.counter == 2 or i.counter == 1%}
         <div class="accordion my-3" id="accordionExample1">
```

```
<div class="card" id="{{ forloop.counter0 }}">
              <div class="card-header" id="heading{{ forloop.counter0 }}">
                <h5 class="mb-0">
                  <button class="btn btn-link collapsed" type="button" data-</pre>
toggle="collapse"
                    data-target="#collapse{{ forloop.counter0 }}" aria-
expanded="false" aria-controls="collapseTwo">
                    {{i.name}}
                  </button>
                </h5>
              </div>
              <div id="collapse{{ forloop.counter0 }}" class="collapse" aria-</pre>
labelledby="headingTwo"
                data-parent="#accordionExample1">
                <div class="card-body">
                  <div class="row panel panel-success" style="margin-top:2%;">
                    <div class="fluid container">
                      <div class="panel-body">
                        <div class="row">
                          <div class="col-lg-12 col-md-12">
                            <div class="row">
                              <div class="col-lg-3 col-md-3">
                                <div class="table-responsive panel">
                                  <form action="/deleterecent"</pre>
method="post" my-1>
                                            {% csrf token %}
                                            <input type="hidden" name="dvalue"</pre>
value="{{i.sno}}">
                                            <button type="submit" class="btn btn-</pre>
danger text-white btn-block"><i</pre>
                                                class="fa fa-rupee"></i>
                                              Reject</button>
                                          </form>
                                          <br>>
                                          <form action="/acceptrecent"</pre>
method="post" my-1>
                                            {% csrf_token %}
                                            <input type="hidden" name="dvalue1"</pre>
value="{{i.sno}}">
```

```
<button type="submit" class="btn btn-</pre>
info text-white btn-block"><i</pre>
                                         class="fa fa-rupee"></i>
                                       Accept</button>
                                    </form>
                                  </div>
                         </div>
                         <div class="col-lg-9 col-md-9">
                           <a data-toggle="tab"</pre>
href="#Personal1{{ forloop.counter0 }}"
                                class="text-success nav-link active"><i
class="fa fa-bookmark-o"></i> Personal
                                Details</a>
                             <a data-toggle="tab"</pre>
href="#Academic1{{ forloop.counter0 }}"
                                class="text-success nav-link"><i class="fa</pre>
fa-home"></i>
                                Academic Details</a>
                             <a data-toggle="tab"</pre>
href="#Documents1{{ forloop.counter0 }}"
                                class="text-success nav-link"><i class="fa</pre>
fa-info"></i>
                                Documents</a>
                             <a data-toggle="tab"</pre>
                                href="#ONGCBackground1{{ forloop.counter0
}}" class="text-success nav-link"><i</pre>
                                  class="fa fa-info"></i>
                                ONGC Background</a>
                           <div class="tab-content">
                             <div id="Personal1{{ forloop.counter0 }}"</pre>
class="tab-pane active">
                               <div class="table-responsive panel">
                                 Name
```



```
{{i.name}}
                 Aadhar
Number
                  {{i.aadhar}}
                  Date of
Birth
                  {{ i.dob }}
                 <i class="fa
fa-user"> Gender
                  {{ i.gender }}
                 Address
{{ i.address }}
                 Mobile
Number
                  {{ i.mobile }}
                  Email
ID
                  <a href="">{{ i.email }}</a>
                   Father
/Mother's
                   Name
                  {{ i.fname }}
                 Father
/Mother's
                   Occupation
                  {{ i.foccupation }}
```



```
</div>
                    </div>
                    <div id="Academic1{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                     <div class="table-responsive panel">
                      Name of the
                           {{ i.institutename }}
                         Name of the
Present
                           Course
                          {{ i.course }}
                         Present
Year
                          {{ i.presentyear }}
                         Latest
Sem/Year
                           Percentage
                          {{ i.cgpa }}
                         Percentage
in class
                           XII
                          {{ i.percentage12 }}
                         </div>
                    </div>
                    <div id="Documents1{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                     <div class="table-responsive panel">
```



```
<td class="text-
success">Photoraph
                               <a href="media/{{ i.photograph
}}" target="_blank">{{ i.name}}
                                  ({{ i.aadhar }})
Training
/Bonafied
                                 Letter
                               <a href="media/{{ i.bletter }}"</pre>
target="_blank">{{ i.name}}
                                  ({{ i.aadhar }})
letter.pdf</a>
                              Latest
Marksheet
                               <a href="media/{{ i.lmarksheeth
}}" target="_blank">{{ i.name}}
                                  ({{ i.aadhar }}) dmc.pdf</a>
                              Class XII
Marksheet
                               <a href="media/{{ i.marksheet12}}
}}" target="_blank">{{ i.name}}
                                  ({{ i.aadhar }}) xii.pdf</a>
                              </div>
                        </div>
                        <div id="ONGCBackground1{{ forloop.counter0 }}"</pre>
class="tab-pane fade">
                         <div class="table-responsive panel">
```



```
<td class="text-
success">Designation
                            {{ i.Designation }}
                          CPF
                            {{ i.CPF }}
                          Section
                            {{ i.Section }}
                          <td class="text-
success">Location
                            {{ i.Location }}
                          Mobile
Number
                            {{ i.MobileNumber }}
                          </div>
                     </div>
                    </div>
                   </div>
                 </div>
                </div>
               </div>
               <!-- /.table-responsive -->
              </div>
            </div>
           </div>
          </div>
        </div>
       </div>
      </div>
      {% endif %}
      {% endfor %}
     </div>
```

```
</div>
    </div>
  </div>
  <!-- d
d
d
d
  <!-- Optional JavaScript -->
  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
    integrity="sha384-
DfXdz2htPH01sSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
  <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
    integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
    crossorigin="anonymous"></script>
  <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
    integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
    crossorigin="anonymous"></script>
</body>
</html>
```

5.1.2. FOR ARBITRARY LOGIC

5.1.2.1. Views.py

```
from django.shortcuts import render, HttpResponse, redirect
from django.contrib import messages
from django.contrib.auth.models import User
from django.contrib.auth import authenticate, login, logout
from django.contrib.auth.decorators import login_required
from django.urls import reverse
from .models import RegForm
import math
import datetime
from openpyxl import Workbook
from openpyxl import load workbook
from openpyxl.styles import Font, Color
import os
import smtplib
from email.message import EmailMessage
def home(request):
    return render(request, 'registration_ongc/home.html')
def register(request):
    if request.method == 'POST':
        name = request.POST['name']
        dob = request.POST['dob']
        gender = request.POST['gender']
        address = request.POST['address']
        mobile = request.POST['mobile']
        email = request.POST['mailadd']
        aadhar = request.POST['aadhar']
        fname = request.POST['father']
        foccupation = request.POST['occupation']
        institutename = request.POST['institute']
        course = request.POST['course']
        presentyear = request.POST['pyear']
        percentage12 = request.POST['std12']
        cgpa = request.POST['cgpa']
        photograph = request.FILES['photo']
        marksheet12 = request.FILES['marksheet12']
        lmarksheet = request.FILES['dmc']
```



```
bletter = request.FILES['certificate']
        Designation = request.POST['designation']
        CPF = request.POST['CPF']
        Section = request.POST['section']
        Location = request.POST['location']
        PhoneNumber = request.POST['phoneNo']
        MobileNumber = request.POST['parMobile']
        details = RegForm(name=name, dob=dob, gender=gender, address=address, mob
ile=mobile, email=email, aadhar=aadhar, fname=fname, foccupation=foccupation, ins
titutename=institutename, course=course, presentyear=presentyear, percentage12=pe
rcentage12,
                          cgpa=cgpa, photograph=photograph, marksheet12=marksheet
12, lmarksheet=lmarksheet, bletter=bletter, Designation=Designation, CPF=CPF, Sec
tion=Section, Location=Location, PhoneNumber=PhoneNumber, MobileNumber=MobileNumb
er)
        details.save()
        print(name)
        print('we are using post request')
        all xls sheet()
        selected_xls_sheet()
        rejected_xls_sheet()
        selected_xls_sheet()
        messages.success(request, "Form submitted Successfully")
    return render(request, 'registration ongc/registration.html')
def handleofficerLogin(request):
    if request.method == 'POST':
        officerusername = request.POST['officerusername']
        officerpass = request.POST['officerpass']
        user = authenticate(username=officerusername, password=officerpass)
        if user is not None:
            login(request, user)
            return redirect("officer")
            messages.error(request, "Invalid credentials")
            return redirect("/")
    return HttpResponse('404 - Not found')
def handleofficerLogout(request):
    logout(request)
    messages.success(request, "Successfully logout")
    return redirect("/")
```

```
@login_required(login_url='officerlogin')
def handelofficer(request):
    RegForms = RegForm.objects.all()
    n = len(RegForms)
    params = {'allforms': RegForms, 'range': range(n)}
    return render(request, 'registration_ongc/officer.html', params)
@login_required(login_url='officerlogin')
def deleterecent(request):
    if request.method == 'POST':
        id12 = request.POST['dvalue']
        d = RegForm.objects.get(sno=id12)
        d.counter = 1
        d.save()
        selected_xls_sheet()
        all xls sheet()
        rejected_xls_sheet()
        selected xls sheet()
        return redirect("officer")
@login_required(login_url='officerlogin')
def acceptrecent(request):
    if request.method == 'POST':
        id12 = request.POST['dvalue1']
        d = RegForm.objects.get(sno=id12)
        d.counter = 2
        d.save()
        selected_xls_sheet()
        all xls sheet()
        rejected_xls_sheet()
        selected_xls_sheet()
        return redirect("officer")
def selected_xls_sheet():
    RegForms = RegForm.objects.all()
    total_no = len(RegForms)
    c = 2
    wb1 = Workbook()
    ws1 = wb1.active
   ws1.column_dimensions['A'].width = 20
    ws1.column dimensions['B'].width = 15
```

```
ws1.column dimensions['C'].width = 10
ws1.column_dimensions['D'].width = 40
ws1.column_dimensions['E'].width = 15
ws1.column dimensions['F'].width = 15
ws1.column_dimensions['G'].width = 50
ws1.column dimensions['H'].width = 20
ws1.column dimensions['I'].width = 20
ws1.column_dimensions['J'].width = 25
ws1.column dimensions['K'].width = 25
ws1.column_dimensions['L'].width = 15
ws1.column dimensions['M'].width = 15
ws1.column dimensions['N'].width = 15
ws1.column_dimensions['0'].width = 20
ws1.column dimensions['P'].width = 12
ws1.column_dimensions['Q'].width = 12
ws1.column dimensions['R'].width = 12
ws1.column_dimensions['S'].width = 20
ws1.column_dimensions['T'].width = 20
(ws1.cell(row=1, column=1, value="Name")).font = Font(bold=True)
(ws1.cell(row=1, column=2, value="DOB")).font = Font(bold=True)
(ws1.cell(row=1, column=3, value="Gender")).font = Font(bold=True)
(ws1.cell(row=1, column=4, value="E-mail")).font = Font(bold=True)
(ws1.cell(row=1, column=5, value="Adhaar Number")).font = Font(bold=True)
(ws1.cell(row=1, column=6, value="Mobile")).font = Font(bold=True)
(ws1.cell(row=1, column=7, value="Address")).font = Font(bold=True)
(ws1.cell(row=1, column=8, value="Father/Mother Name")).font = Font(bold=True
(ws1.cell(row=1, column=9, value="Occupation")).font = Font(bold=True)
(ws1.cell(row=1, column=10, value="Institute Name")).font = Font(bold=True)
(ws1.cell(row=1, column=11, value="Course")).font = Font(bold=True)
(ws1.cell(row=1, column=12, value="Present Year")).font = Font(bold=True)
(ws1.cell(row=1, column=13, value="12th Percentage")).font = Font(bold=True)
(ws1.cell(row=1, column=14, value="CGPA")).font = Font(bold=True)
(ws1.cell(row=1, column=15, value="Designation")
 ).font = Font(color="FF0000", bold=True)
(ws1.cell(row=1, column=16, value="CPF")
 ).font = Font(color="FF00000", bold=True)
(ws1.cell(row=1, column=17, value="Section")
 ).font = Font(color="FF0000", bold=True)
(ws1.cell(row=1, column=18, value="Location")
 ).font = Font(color="FF0000", bold=True)
(ws1.cell(row=1, column=19, value="Phone Number")
 ).font = Font(color="FF0000", bold=True)
(ws1.cell(row=1, column=20, value="Mobile Number")
 ).font = Font(color="FF00000", bold=True)
```

```
for i in range(total no):
    name = RegForms[i].name
   dob = str(RegForms[i].dob)
    gender = RegForms[i].gender
    address = RegForms[i].address
   mobile = RegForms[i].mobile
    email = RegForms[i].email
    aadhar = str(RegForms[i].aadhar)
    fname = RegForms[i].fname
    foccupation = RegForms[i].foccupation
    institutename = RegForms[i].institutename
    course = RegForms[i].course
    presentyear = RegForms[i].presentyear
    percentage12 = RegForms[i].percentage12
    cgpa = RegForms[i].cgpa
   Designation = RegForms[i].Designation
    CPF = RegForms[i].CPF
    Section = RegForms[i].Section
    Location = RegForms[i].Location
    PhoneNumber = RegForms[i].PhoneNumber
   MobileNumber = RegForms[i].MobileNumber
    if RegForms[i].counter == 2:
        ws1.cell(row=c, column=1, value=name)
        ws1.cell(row=c, column=2, value=dob)
        ws1.cell(row=c, column=3, value=gender)
       ws1.cell(row=c, column=4, value=email)
       ws1.cell(row=c, column=5, value=aadhar)
        ws1.cell(row=c, column=6, value=mobile)
       ws1.cell(row=c, column=7, value=address)
       ws1.cell(row=c, column=8, value=fname)
        ws1.cell(row=c, column=9, value=foccupation)
       ws1.cell(row=c, column=10, value=institutename)
       ws1.cell(row=c, column=11, value=course)
        ws1.cell(row=c, column=12, value=presentyear)
        ws1.cell(row=c, column=13, value=percentage12)
        ws1.cell(row=c, column=14, value=cgpa)
        ws1.cell(row=c, column=15, value=Designation)
        ws1.cell(row=c, column=16, value=CPF)
        ws1.cell(row=c, column=17, value=Section)
        ws1.cell(row=c, column=18, value=Location)
        ws1.cell(row=c, column=19, value=PhoneNumber)
        ws1.cell(row=c, column=20, value=MobileNumber)
        c = c+1
    wb1.save("media/xl_sheets1/selected_one_xl_file.xlsx")
```

```
def rejected xls sheet():
    RegForms = RegForm.objects.all()
   total_no = len(RegForms)
    c = 2
   wb = Workbook()
   ws = wb.active
   ws.column dimensions['A'].width = 20
   ws.column_dimensions['B'].width = 15
   ws.column_dimensions['C'].width = 10
   ws.column_dimensions['D'].width = 40
   ws.column dimensions['E'].width = 15
    ws.column dimensions['F'].width = 15
   ws.column dimensions['G'].width = 50
   ws.column_dimensions['H'].width = 20
   ws.column dimensions['I'].width = 20
   ws.column dimensions['J'].width = 25
   ws.column dimensions['K'].width = 25
   ws.column_dimensions['L'].width = 15
   ws.column_dimensions['M'].width = 15
   ws.column_dimensions['N'].width = 15
   ws.column dimensions['0'].width = 20
    ws.column_dimensions['P'].width = 12
   ws.column_dimensions['Q'].width = 12
   ws.column_dimensions['R'].width = 12
   ws.column_dimensions['S'].width = 20
    ws.column dimensions['T'].width = 20
    (ws.cell(row=1, column=1, value="Name")).font = Font(bold=True)
    (ws.cell(row=1, column=2, value="DOB")).font = Font(bold=True)
    (ws.cell(row=1, column=3, value="Gender")).font = Font(bold=True)
    (ws.cell(row=1, column=4, value="E-mail")).font = Font(bold=True)
    (ws.cell(row=1, column=5, value="Adhaar Number")).font = Font(bold=True)
    (ws.cell(row=1, column=6, value="Mobile")).font = Font(bold=True)
    (ws.cell(row=1, column=7, value="Address")).font = Font(bold=True)
    (ws.cell(row=1, column=8, value="Father/Mother Name")).font = Font(bold=True)
    (ws.cell(row=1, column=9, value="Occupation")).font = Font(bold=True)
    (ws.cell(row=1, column=10, value="Institute Name")).font = Font(bold=True)
    (ws.cell(row=1, column=11, value="Course")).font = Font(bold=True)
    (ws.cell(row=1, column=12, value="Present Year")).font = Font(bold=True)
    (ws.cell(row=1, column=13, value="12th Percentage")).font = Font(bold=True)
    (ws.cell(row=1, column=14, value="CGPA")).font = Font(bold=True)
    (ws.cell(row=1, column=15, value="Designation")
     ).font = Font(color="FF0000", bold=True)
    (ws.cell(row=1, column=16, value="CPF")
```



```
).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=17, value="Section")
 ).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=18, value="Location")
).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=19, value="Phone Number")
).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=20, value="Mobile Number")
 ).font = Font(color="FF0000", bold=True)
for i in range(total_no):
   name = RegForms[i].name
    dob = str(RegForms[i].dob)
   gender = RegForms[i].gender
    address = RegForms[i].address
    mobile = RegForms[i].mobile
    email = RegForms[i].email
    aadhar = str(RegForms[i].aadhar)
    fname = RegForms[i].fname
   foccupation = RegForms[i].foccupation
    institutename = RegForms[i].institutename
    course = RegForms[i].course
    presentyear = RegForms[i].presentyear
   percentage12 = RegForms[i].percentage12
   cgpa = RegForms[i].cgpa
    Designation = RegForms[i].Designation
   CPF = RegForms[i].CPF
   Section = RegForms[i].Section
    Location = RegForms[i].Location
   PhoneNumber = RegForms[i].PhoneNumber
   MobileNumber = RegForms[i].MobileNumber
   if RegForms[i].counter == 1:
        ws.cell(row=c, column=1, value=name)
       ws.cell(row=c, column=2, value=dob)
       ws.cell(row=c, column=3, value=gender)
        ws.cell(row=c, column=4, value=email)
       ws.cell(row=c, column=5, value=aadhar)
       ws.cell(row=c, column=6, value=mobile)
       ws.cell(row=c, column=7, value=address)
        ws.cell(row=c, column=8, value=fname)
       ws.cell(row=c, column=9, value=foccupation)
       ws.cell(row=c, column=10, value=institutename)
        ws.cell(row=c, column=11, value=course)
       ws.cell(row=c, column=12, value=presentyear)
       ws.cell(row=c, column=13, value=percentage12)
        ws.cell(row=c, column=14, value=cgpa)
```



```
ws.cell(row=c, column=15, value=Designation)
            ws.cell(row=c, column=16, value=CPF)
            ws.cell(row=c, column=17, value=Section)
            ws.cell(row=c, column=18, value=Location)
            ws.cell(row=c, column=19, value=PhoneNumber)
            ws.cell(row=c, column=20, value=MobileNumber)
   wb.save("media/xl_sheets1/rejected_one_xl_file.xlsx")
def all xls sheet():
    RegForms = RegForm.objects.all()
    total_no = len(RegForms)
    c=2
   wb = Workbook()
   ws = wb.active
   ws.column_dimensions['A'].width = 20
   ws.column dimensions['B'].width = 15
   ws.column_dimensions['C'].width = 15
   ws.column_dimensions['D'].width = 10
   ws.column_dimensions['E'].width = 40
   ws.column_dimensions['F'].width = 15
   ws.column dimensions['G'].width = 15
    ws.column dimensions['H'].width = 50
   ws.column_dimensions['I'].width = 20
   ws.column_dimensions['J'].width = 20
   ws.column_dimensions['K'].width = 25
   ws.column dimensions['L'].width = 25
   ws.column dimensions['M'].width = 15
   ws.column_dimensions['N'].width = 15
   ws.column_dimensions['0'].width = 15
   ws.column_dimensions['P'].width = 20
   ws.column dimensions['0'].width = 12
    ws.column_dimensions['R'].width = 12
   ws.column dimensions['S'].width = 12
   ws.column_dimensions['T'].width = 20
    ws.column_dimensions['U'].width = 20
    (ws.cell(row=1, column=1, value="Name")).font = Font(bold=True)
    (ws.cell(row=1, column=2, value="Status")).font = Font(bold=True)
    (ws.cell(row=1, column=3, value="DOB")).font = Font(bold=True)
    (ws.cell(row=1, column=4, value="Gender")).font = Font(bold=True)
    (ws.cell(row=1, column=5, value="E-mail")).font = Font(bold=True)
    (ws.cell(row=1, column=6, value="Adhaar Number")).font = Font(bold=True)
    (ws.cell(row=1, column=7, value="Mobile")).font = Font(bold=True)
    (ws.cell(row=1, column=8, value="Address")).font = Font(bold=True)
```



```
(ws.cell(row=1, column=9, value="Father/Mother Name")).font = Font(bold=True)
(ws.cell(row=1, column=10, value="Occupation")).font = Font(bold=True)
(ws.cell(row=1, column=11, value="Institute Name")).font = Font(bold=True)
(ws.cell(row=1, column=12, value="Course")).font = Font(bold=True)
(ws.cell(row=1, column=13, value="Present Year")).font = Font(bold=True)
(ws.cell(row=1, column=14, value="12th Percentage")).font = Font(bold=True)
(ws.cell(row=1, column=15, value="CGPA")).font = Font(bold=True)
(ws.cell(row=1, column=16, value="Designation")
 ).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=17, value="CPF")
).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=18, value="Section")
).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=19, value="Location")
 ).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=20, value="Phone Number")
).font = Font(color="FF0000", bold=True)
(ws.cell(row=1, column=21, value="Mobile Number")
 ).font = Font(color="FF0000", bold=True)
for i in range(total_no):
    if RegForms[i].counter == 1 or RegForms[i].counter == 2:
        if RegForms[i].counter == 1:
            status = "ACCEPTED"
        else:
            status = "REJECTED"
        name = RegForms[i].name
        dob = str(RegForms[i].dob)
        gender = RegForms[i].gender
        address = RegForms[i].address
        mobile = RegForms[i].mobile
        email = RegForms[i].email
        aadhar = str(RegForms[i].aadhar)
        fname = RegForms[i].fname
        foccupation = RegForms[i].foccupation
        institutename = RegForms[i].institutename
        course = RegForms[i].course
        presentyear = RegForms[i].presentyear
        percentage12 = RegForms[i].percentage12
        cgpa = RegForms[i].cgpa
        Designation = RegForms[i].Designation
        CPF = RegForms[i].CPF
        Section = RegForms[i].Section
        Location = RegForms[i].Location
        PhoneNumber = RegForms[i].PhoneNumber
        MobileNumber = RegForms[i].MobileNumber
```

```
ओएनजीसी
्री
ONGC
```

```
ws.cell(row=c, column=1, value=name)
           ws.cell(row=c, column=2, value=status)
           ws.cell(row=c, column=3, value=dob)
           ws.cell(row=c, column=4, value=gender)
           ws.cell(row=c, column=5, value=email)
           ws.cell(row=c, column=6, value=aadhar)
          ws.cell(row=c, column=7, value=mobile)
          ws.cell(row=c, column=8, value=address)
           ws.cell(row=c, column=9, value=fname)
          ws.cell(row=c, column=10, value=foccupation)
          ws.cell(row=c, column=11, value=institutename)
           ws.cell(row=c, column=12, value=course)
          ws.cell(row=c, column=13, value=presentyear)
          ws.cell(row=c, column=14, value=percentage12)
          ws.cell(row=c, column=15, value=cgpa)
          ws.cell(row=c, column=16, value=Designation)
          ws.cell(row=c, column=17, value=CPF)
          ws.cell(row=c, column=18, value=Section)
           ws.cell(row=c, column=19, value=Location)
           ws.cell(row=c, column=20, value=PhoneNumber)
           ws.cell(row=c, column=21, value=MobileNumber)
           c=c+1
       # Save the file
   wb.save("media/xl sheets1/all xl file1.xlsx")
def send email(to,name,mobile):
   name = name.upper()
   mobile = mobile
   message = EmailMessage()
   message['subject'] = "summer training-2020"
   message['from'] = "user email"
   message['to'] = to
   message.set content("hello ")
   html_message = open("registration_ongc/templates/registration_ongc/mail.html"
encoding="utf8").read().replace("Taat",name+" - "+mobile)
   message.add alternative(html message, subtype='html')
   with smtplib.SMTP_SSL("smtp.gmail.com", 465) as smtp:
```



```
smtp.login("username", "password")
    smtp.send_message(message)

@login_required(login_url='officerlogin')
def sendmails(request):
    RegForms = RegForm.objects.all()
    total_no = len(RegForms)
    for i in range(total_no):
        if RegForms[i].counter == 2:
            name = RegForms[i].name
            mobile = RegForms[i].mobile
            email = RegForms[i].email
            send_email(email,name,mobile)
    messages.success(request, "Mail sent")
    return redirect("officer")
```

5.1.3. FOR DATABASE

5.1.3.1. Models.py

```
from django.db import models
# Create your models here.
class RegForm(models.Model):
    sno = models.AutoField(primary key=True)
   name = models.CharField(max_length=60)
    dob = models.DateField()
    gender = models.CharField(max_length=60)
    address = models.CharField(max_length=60)
   mobile = models.CharField(max length=15)
    email = models.CharField(max length=100)
    aadhar = models.IntegerField()
    fname = models.CharField(max length=60)
    foccupation = models.CharField(max_length=60)
    institutename = models.CharField(max length=100)
    course = models.CharField(max length=60)
    presentyear = models.CharField(max_length=60)
    percentage12 = models.CharField(max length=60)
    cgpa = models.CharField(max_length=60)
    photograph = models.ImageField(upload_to='Photographs', default="")
    marksheet12 = models.FileField(upload to='Marksheets 12', default="")
    lmarksheet = models.FileField(upload_to='Latest_Marksheets', default="")
    bletter = models.FileField(upload to='Bonafied Letters', default="")
    Designation = models.CharField(max length=60, default=None)
    CPF = models.CharField(max_length=60, default=None)
    Section = models.CharField(max length=60, default=None)
    Location = models.CharField(max_length=60, default=None)
    PhoneNumber = models.CharField(max_length=15, default=None)
   MobileNumber = models.CharField(max_length=15, default=None)
    counter = models.IntegerField(default=0)
    def __str__(self):
        return "%s (%s)" % (self.aadhar, self.name)
```

FUTURE SCOPE

The <u>Internship coordinating tool</u> can be extended to <u>Internship management tool</u> where the whole process of the internship can be maintained here.

- > The module for the logbook can be added where the intern can upload his/her weekly report.
- > The mentor can communicate with respective intern.
- > Sharing of the files can be done between intern and the mentor.
- ➤ At the end of the internship intern and mentor should be able to upload the progress report to the mentor and respective authority respectively.
- > Certificate generation after the completion of the internship.