# MES's INSTITUTE OF MANAGEMENT AND CAREER COURSES



# "Sunshine Coaching Center"

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**Submitted To** 

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# **Introduction**

Welcome to Sunshine Coaching Center Website! Our innovative and comprehensive full-stack website aims to revolutionize the way Coaching institutions manage their administrative and academic processes.

Developed as a college mini project, Sunshine Coaching Center Website is designed to streamline operations, enhance communication, and empower the teachers and students of Sunshine Coaching Center with a user-friendly and efficient digital platform.

At Sunshine, we believe in providing a nurturing and conducive environment for academic excellence. Our website embraces this vision by seamlessly integrating essential features for efficient administration, academic monitoring, and enhanced communication.

Sunshine Public School aims to bridge the gap between traditional coaching methods and the modern digital era. By leveraging cutting-edge technologies, our website offers a user-friendly, secure, and scalable platform that aligns with the evolving needs of coaching institutions.

Our website serves as a centralized hub where teachers and students can conveniently access and manage essential coaching-related information. Through the user-friendly interface, we aim to simplify complex tasks, reduce manual efforts, and empower stakeholders to focus on what truly matters: education.

# **Project Scope**

### **User Requirements:**

- 1. <u>User-friendly interface and accessible to all</u>: The platform will have a user-friendly interface that is easy to navigate, with clear instructions and features with accessibility 24 X 7.
- 2. <u>Secure and reliable</u>: The platform will be secure and reliable, with robust data encryption and backup mechanisms to protect data.
- Availability of services: The platform will provide various services including courses, syllabus, notice, login, registration and other coaching related services.
- 4. <u>Mobile compatibility</u>: The platform will be compatible with mobile devices to ensure that residents can access the services using their smart phones.
- 5. Other features of the portal:

The main essential features of the website include following:

- a. Dashboard for students having various modules like time table, registered courses, upcoming courses, etc.
- b. All courses page for the information related to the available courses.
- c. Login and Register page for all registration and login related that will be required to get access to the institute's material.
- d. Contact us page will provide information about how to reach out to the school.

### **Module Specifications:**

#### 1. <u>Home</u>:

The homepage would be user-friendly and eye catching. It contains information about the courses and other modules available in the website.

#### 2. All Courses:

This page contains the entire course list that the institute provides along with the facility to register for the courses.

#### 3. Contact:

The page provides information about how to reach out to the institute.

#### 4. About:

It shows the information about the coaching and its achievements.

#### 5. Signup/Register:

This page facilitates the students to register into the website.

#### 6. Login Page

This page facilitates the students to log into the website.

#### 7. Student Dashboard:

This page will be visible to students after login and provides info related to students and other information of the institute.

Following are the submodules of dashboard:

#### a. Profile:

This module displays details of the student that was provided during registration

#### b. Time Table:

This module displays routine for the morning and evening batch

#### c. Registered Courses:

It gives the list of courses that the student has enrolled.

#### d. Upcoming Courses:

All upcoming courses will be visible here.

#### e. View all courses:

Entire list of courses that are taught by the institute is displayed here.

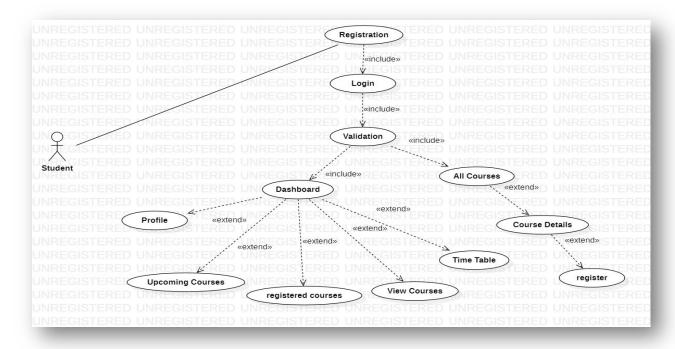
f. Logout: A button to logout from the website.

# **Technologies Used**

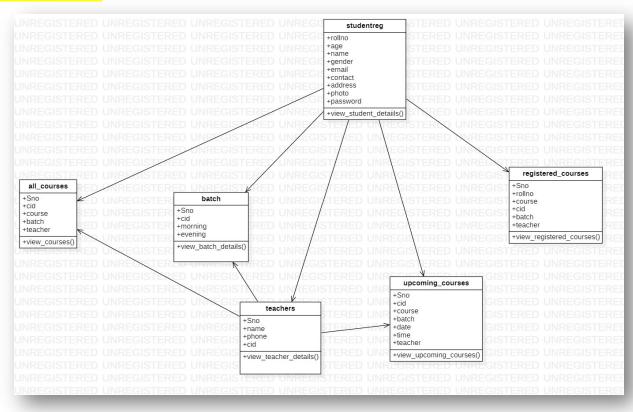
- 1. HTML
- 2. CSS
  - Bootstrap
- 3. Python
  - Flask
- 4. MySQL
- 5. Git and GitHub

# **Design**

## Use Case



# Class diagram



### Database Design/ Data Dictionary

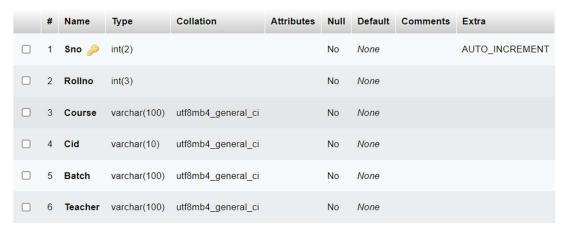
### 1. all\_courses



#### 2. batch



### 3. registered\_courses



# 4. studentreg

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	Rollno 🔑	int(3)			No	None		AUTO_INCREMENT
2	Name	varchar(50)	utf8mb4_general_ci		No	None		
3	Age	int(3)			No	None		
4	Gender	varchar(15)	utf8mb4_general_ci		No	None		
5	Email	varchar(50)	utf8mb4_general_ci		No	None		
6	Contact	bigint(10)			No	None		
7	Address	varchar(100)	utf8mb4_general_ci		No	None		
8	Photo	varchar(100)	utf8mb4_general_ci		No	None		
9	Password	varchar(256)	utf8mb4_general_ci		No	None		

### 5. teachers

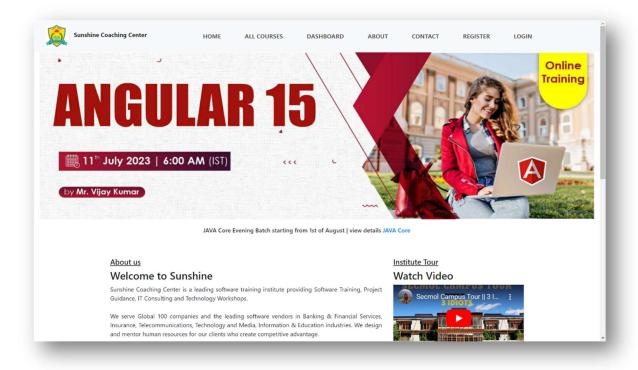
#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	Sno 🔑	int(3)			No	None		AUTO_INCREMENT
2	Name	varchar(50)	utf8mb4_general_ci		No	None		
3	Phone	bigint(10)			No	None		
4	Cid	varchar(50)	utf8mb4_general_ci		No	None		

### 6. upcoming\_courses



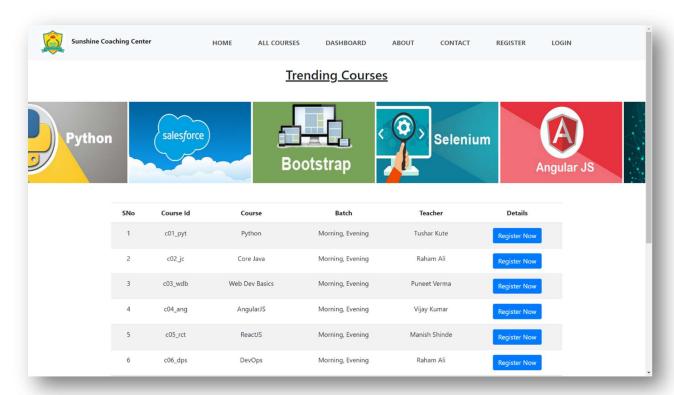
# **User Interface**

### **Homepage**

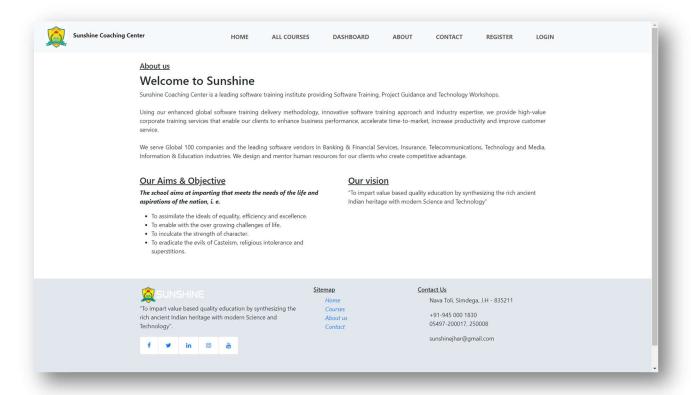




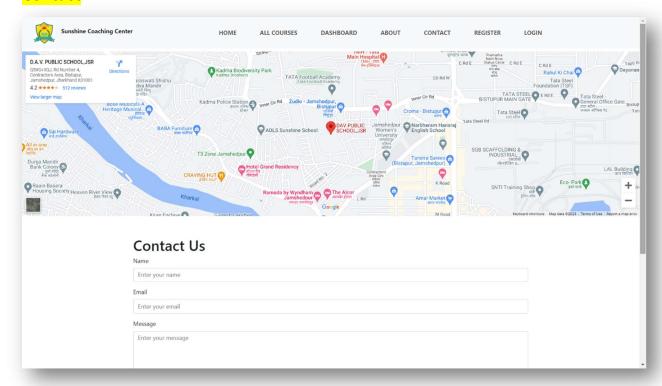
### **All Courses**



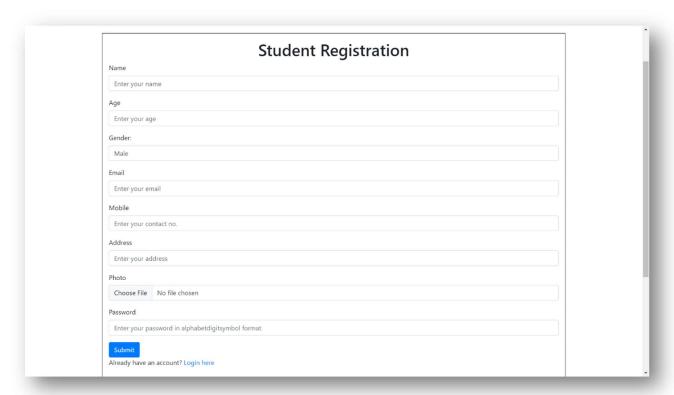
### <mark>About</mark>



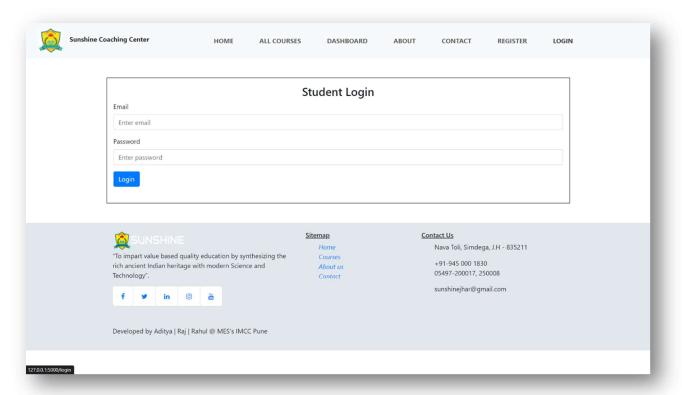
## **Contact**



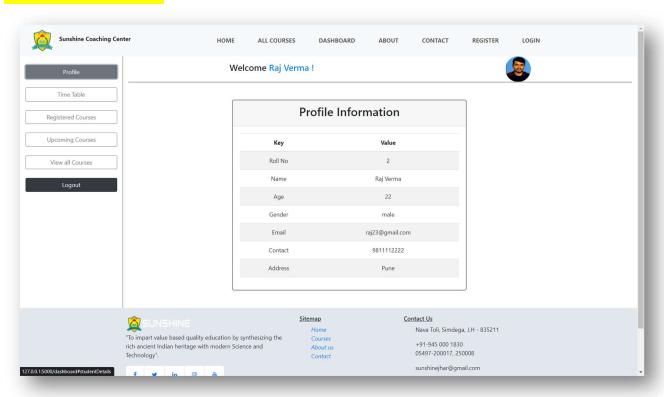
# **Registration**



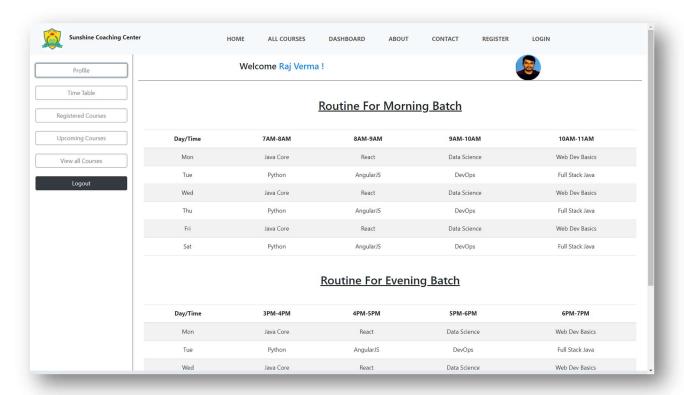
# <mark>Login</mark>



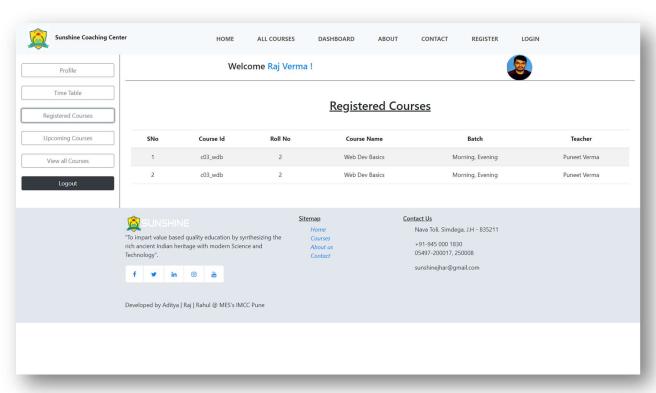
# Dashboard -> Profile



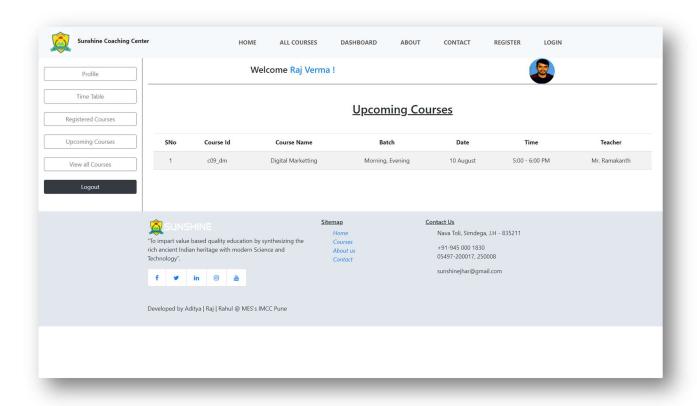
### Dashboard -> Time Table



# Dashboard -> Registered Courses



# Dashboard -> Upcoming Courses



# **Code**

### App.py

```
from flask import Flask, render_template, request, redirect, url_for, session
from flask_mysqldb import MySQL
from werkzeug.utils import secure_filename
import MySQLdb.cursors
from passlib.hash import sha256 crypt
import re
import os
app = Flask(__name__)
app.config['MYSQL_HOST'] = 'localhost'
app.config['MYSQL_USER'] = 'root'
app.config['MYSQL PASSWORD'] = "
app.config['MYSQL DB'] = 'scc'
app.config['UPLOAD_FOLDER'] = 'C:\\Users\\rv201\\PycharmProjects\\SCC\\static\\profilePic'
app.config['MAX CONTENT LENGTH'] = 16*1024*1024
app.config['SECRET_KEY'] = 'secret_key'
# connection
mysql = MySQL(app)
@app.route('/', methods=['GET', 'POST'])
def homepage():
  return render template("index.html")
@app.route('/contact', methods=['GET', 'POST'])
def contact():
  return render_template("contact.html")
@app.route('/login', methods=['GET', 'POST'])
def login():
  if 'email' in session:
    return redirect("/dashboard")
  else:
    return render_template("login.html")
@app.route('/about', methods=['GET', 'POST'])
```

```
def about():
  return render_template("about.html")
@app.route('/jaKabutarja', methods=['GET', 'POST'])
def jaKabutarja():
  sno = 'NULL'
  roll = session['roll']
  cname = request.form['Courseld']
  cid = request.form['Cid']
  cbatch = request.form['Batch']
  cteacher = request.form['Teacher']
  cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
  cursor.execute('INSERT INTO registered courses VALUES (% s, % s, % s, % s, % s, % s, % s)', (sno, roll,
cname, cid, cbatch, cteacher,))
  mysql.connection.commit()
  return redirect("/dashboard")
@app.route('/cregister', methods=['GET', 'POST'])
def cregister():
  if 'email' in session:
    course_id = request.form["CourseId"]
    cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
    cursor.execute('SELECT * FROM all_courses WHERE Cid = % s', (course_id,))
    details = cursor.fetchone()
    return render_template("cregister.html", details=details)
  else:
    return render_template("login.html")
@app.route('/courses', methods=['GET', 'POST'])
def courses():
  cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
  cursor.execute("SELECT * FROM all courses")
  results = cursor.fetchall()
  # for row in results:
  # print("Testing: ", row['Course'])
  return render_template("courses.html", results=results)
# Student Registration and Login Page code
```

```
@app.route('/register', methods=['GET', 'POST'])
def register():
  msg = "
  if request.method == 'POST' and 'Name' in request.form and 'Email' in request.form:
    Rollno = 'NULL'
    Name = request.form['Name']
    Age = request.form['Age']
    Gender = request.form['Gender']
    Email = request.form['Email']
    Mobile = request.form['Mobile']
    Address = request.form['Address']
    Password = request.form['Password']
    enc pwd = sha256 crypt.encrypt(Password)
    file = request.files['Photo']
    file.save(os.path.join(app.config['UPLOAD_FOLDER'], secure_filename(file.filename)))
    Photo = request.files['Photo'].filename
    cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
    cursor.execute('SELECT * FROM studentreg WHERE Email = % s', (Email,))
    account = cursor.fetchone()
    if account:
      msg = 'Account already exists!'
    elif not re.match(r'^[a-zA-Z0-9_.+-]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+$', Email):
      msg = 'Invalid email address!'
    elif not re.match(r'^(0|91)?[6-9][0-9]{9}', Mobile):
      msg = 'Invalid Mobile number!'
    elif not re.match(r'^(?=.*[A-Za-z])(?=.*\d)(?=.*[@$!%*#?&])[A-Za-z\d@$!%*#?&]{8,}$', Password):
      msg = 'Invalid Password!'
    else:
      (Rollno, Name, Age, Gender, Email, Mobile, Address, Photo, enc_pwd,))
      mysql.connection.commit()
      return redirect(url for('login'))
  elif request.method == 'POST':
    msg = 'Please fill out the form!'
  return render template("register.html", msg=msg)
# Student Login and logout
@app.route('/dashboard', methods=['GET', 'POST'])
def dashboard():
  msg = "
  results = None
  if 'email' in session:
    return render template('dashboard.html', msg=msg)
  if request.method == 'POST' and 'Email' in request.form and 'Password' in request.form:
    Email = request.form['Email']
```

```
Password = request.form['Password']
    cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
    cursor.execute('SELECT * FROM studentreg WHERE Email = % s', (Email,))
    pwd = cursor.fetchone()
    db pwd = pwd['Password']
    profilepic = pwd['Photo']
    # fetch data from db for all_courses table
    cursor.execute("SELECT * FROM all courses")
    results = cursor.fetchall()
    # fetch data from db for upcoming courses table
    cursor.execute("SELECT * FROM upcoming_courses")
    uc = cursor.fetchall()
    if db_pwd and sha256_crypt.verify(Password, db_pwd):
      if sha256 crypt.verify(Password, db pwd):
        session['loggedin'] = True
        session['roll'] = pwd['Rollno']
        session['name'] = pwd["Name"]
        session['age'] = pwd["Age"]
        session['gender'] = pwd["Gender"]
        session['email'] = pwd["Email"]
        session['contact'] = pwd["Contact"]
        session['address'] = pwd["Address"]
        session['profilepic'] = profilepic
        # fetch data from db for upcoming courses
        Rollno = pwd['Rollno']
        cursor.execute("SELECT * FROM registered courses WHERE Rollno = %s", (Rollno,))
        reg = cursor.fetchall()
        return render template('dashboard.html', msg=msg, results=results, uc=uc, reg=reg)
      msg = 'Please enter correct email / password !'
  return render_template('login.html', msg=msg)
@app.route('/logout')
def logout():
  session.clear()
  return redirect(url for('courses'))
if __name__ == "__main__":
```

```
app.run(debug=True)
```

#### Index.html

```
{% extends 'base.html' %}
{% block body %}
<div class="container-fluid">
  <div id="carouselExampleAutoplaying" class="carousel slide" data-bs-ride="carousel">
    <div class="carousel-inner">
      <div class="carousel-item active">
        <img height="450" width="600" src="/static/sps1.jpg" class="d-block w-100" alt="...">
      </div>
      <div class="carousel-item">
        <img height="450" width="600" src="/static/sps2.jpg" class="d-block w-100" alt="...">
      </div>
      <div class="carousel-item">
        <img height="450" width="600" src="/static/sps3.jpg" class="d-block w-100" alt="...">
      </div>
      <div class="carousel-item">
        <img height="450" width="600" src="/static/sps4.jpg" class="d-block w-100" alt="...">
      </div>
    </div>
    <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleAutoplaying"
      data-bs-slide="prev">
      <span class="carousel-control-prev-icon" aria-hidden="true"></span>
      <span class="visually-hidden">Previous</span>
    </button>
    <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleAutoplaying"
      data-bs-slide="next">
      <span class="carousel-control-next-icon" aria-hidden="true"></span>
      <span class="visually-hidden">Next</span>
    </button>
  </div>
</div>
<!-- marquee start -->
<div class="container-fluid mt-3 mb-3">
  <marquee scrolldelay="100" width="100%" scrollamount="5" direction="left" behavior="scroll"</p>
loop="-1"
    onmouseover="this.stop();" onmouseout="this.start();">
    JAVA Core Evening Batch starting from 1st of August | view details <a href="/courses">JAVA
Core</a>
    </marquee>
</div>
```

```
<!--marquee ends-->
<section id="about-part" class="pt-0 mt-3 mb-3">
   <div class="container">
      <div class="row">
         <div class="col-lg-8"><br>
            <div class="section-title mt-50">
                <h5><u>About us</u></h5>
                <h3>Welcome to Sunshine </h3>
            </div> <!-- section title -->
            <div class="about-cont">
                Sunshine Coaching Center is a leading software training institute providing
                   Software Training, Project Guidance, IT Consulting and Technology Workshops.<br/>
<br/>
<br/>
Software Training, Project Guidance, IT Consulting and Technology Workshops.<br/>
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Software Training, Project Guidance, IT Consulting and Technology Workshops.<br/>
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Software Training, Project Guidance, IT Consulting and Technology Workshops.<br/>
<br/>
Software Training and Technology Workshops.<br/>
Software Training and Technology Workshops.<br/>
Software Training and Technology Workshops.
                   We serve Global 100 companies and the leading software vendors in Banking & Financial
Services,
                   Insurance, Telecommunications, Technology and Media, Information & Education
industries. We
                   design and mentor human resources for our clients who create competitive advantage.
                <a href="#" class="main-btn mt-55">Read More</a>
            </div>
         </div>
         <div class="col-lg-4"><br>
            <div class="section-title mt-50">
                <h5><u>Institute Tour</u></h5>
                <h3>Watch Video</h3>
            </div> <!-- event title -->
            <div class="about-cont">
                <iframe width="100%" height="180"
src="https://www.youtube.com/embed/YPhTuEu4H20"
                      title="YouTube video player" frameborder="0"
                      allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-
in-picture; web-share"
                      allowfullscreen></iframe>
            </div>
         </div> <!-- about event -->
      </div>
   </div><!-- row -->
   </div> <!-- container -->
</section>
<!--=== ABOUT PART ENDS =====-->
<!--=== COURSE PART START =====-->
<section id="course-part" class="pt-115 pb-120 bg-dark-subtle">
```

```
<div class="container">
    <div class="col-lg-6">
      <div class="section-title pb-45"><br>
        <h2><u>Trending Courses</u></h2>
      </div> <!-- section title -->
    </div>
    <div class="pt-40 pb-80 gray-bg">
      <div class="container">
        <div class="row">
          <div class="col-lg-12 bg-dark-subtle">
             <marquee behavior="scroll" direction="left" onmouseover="this.stop();"</pre>
               onmouseout="this.start();">
               <img src="/static/tech1.jpg" height="200" width="300">
               <img src="/static/tech2.jpg" height="200" width="300">
               <img src="/static/tech3.jpg" height="200" width="300">
               <img src="/static/tech4.jpg" height="200" width="300">
               <img src="/static/tech10.jpg" height="200" width="300">
             </marquee>
          </div>
          <!-- row -->
        </div>
      </div>
    </div> <!-- container -->
    <div class="col-lg-6">
      <div class="section-title pb-45"><br></div> <!-- section title -->
    <div class="pt-40 pb-80 bg-light-subtle">
      <div class="container">
        <div class="row">
          <div class="col-lg-12 bg-dark-subtle">
             <marquee behavior="scroll" direction="right" onmouseover="this.stop();"
               onmouseout="this.start();">
               <img src="/static/tech5.jpg" height="200" width="300">
               <img src="/static/tech6.jpg" height="200" width="300">
               <img src="/static/tech7.jpg" height="200" width="300">
               <img src="/static/tech8.jpg" height="200" width="300">
               <img src="/static/tech9.jpg" height="200" width="300">
             </marquee>
          </div>
          <!-- row -->
        </div> <!-- container -->
      </div>
    </div>
  </div><!-- container -->
</section>
<!--=== COURSE PART ENDS =====-->
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-geWF76RCwLtnZ8qwWowPQNguL3RmwHVBC9FhGdlKrxdiJJigb/j/68SIy3Te4Bkz" crossorigin="anonymous"></script> {% endblock body %}
```

#### Base.html

```
<!doctype html>
<html lang="en">
<head>
 <meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Sunshine Coaching Center</title>
 <link rel="shortcut icon" type="image/png"</pre>
href="https://www.sunshinezamania.com/images/favicon.png">
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet"</pre>
  integrity="sha384-9ndCyUalbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM"
crossorigin="anonymous">
 </l></l></
awesome.min.css">
<link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
 <style>
  .hidden-section {
  display: none;
  .dropdown:hover>.dropdown-menu {
  display: block;
  .dropdown>.dropdown-toggle:active {
  pointer-events: none;
  .scrollable-div {
  max-height: 90vh; /* Set the maximum height of the scrollable div */
  overflow-y: scroll; /* Enable vertical scrolling */
  scrollbar-width: none; /* Hide scrollbar in Firefox */
  -ms-overflow-style: none; /* Hide scrollbar in Internet Explorer and Edge */
  }
  /* Hide scrollbar in WebKit-based browsers (Chrome, Safari) */
  .scrollable-div::-webkit-scrollbar {
  width: 0;
  height: 0;
 </style>
</head>
```

```
<body>
<nav class="navbar navbar-expand-lg bg-body-tertiary">
  <div class="container-fluid">
  <a class="navbar-brand" href="/">
   <img src="/static/logo.jpeg" alt="Logo" width="60" height="60">
  </a>
  <label><strong>Sunshine Coaching Center</strong></label>
  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
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">
   class="nav-item">
     <a class="nav-link fw-bold" aria-current="page" href="/">HOME</a>
    cli class="nav-item">
     <a class="nav-link fw-bold" href="/courses">ALL COURSES</a>
    <a class="nav-link fw-bold" href="/dashboard">DASHBOARD</a>
    class="nav-item">
     <a class="nav-link fw-bold" href="/about">ABOUT</a>
    class="nav-item">
     <a class="nav-link fw-bold" href="/contact">CONTACT</a>
    class="nav-item">
     <a class="nav-link fw-bold" href="/register">REGISTER</a>
    cli class="nav-item">
     <a class="nav-link fw-bold" href="/login">LOGIN</a>
    </div>
  </div>
 </nav>
{% block body %}
{% endblock body %}
 <div class="container-fluid" style="background-color: #e2e8ed;">
  <div class="container-fluid" style="padding: 20px;">
  <footer id="footer-part">
   <div class="footer-top pt-40 pb-50">
```

```
<div class="container">
     <div class="row">
      <div class="col-lg-5 col-md-6">
       <div class="footer-about mt-40">
        <div class="logo">
         <a href="/"><img src="/static/logo-2.png" alt="Logo"></a>
        "To impart value based quality education by synthesizing the rich ancient Indian heritage
with
         modern Science and Technology".
        class="list-group-item"><a href="https://www.facebook.com/" target=" blank"><i</li>
            class="fa fa-facebook-f"></i></a>
         <a href="https://twitter.com/" target=" blank"><i</pre>
            class="fa fa-twitter"></i></a>
         <a href="https://www.linkedin.com/in/" target="_blank"><i</pre>
            class="fa fa-linkedin"></i></a>
         class="list-group-item"><a href="https://www.instagram.com/" target="_blank"><i</pre>
            class="fa fa-instagram"></i></a>
         class="list-group-item"><a href="https://www.youtube.com/" target="_blank"><i</a>
            class="fa fa-youtube"></i></a>
        </div> <!-- footer about -->
      </div>
      <div class="col-lg-3 col-md-6 col-sm-6">
       <div class="footer-link mt-40">
        <div class="footer-title pb-25">
         <h6><u>Sitemap</u></h6>
        </div>
        <a style="text-decoration: none;" href="/"><i>Home</i></a>
         <a style="text-decoration: none;" href="/courses"><i>Courses</i></a>
         <a style="text-decoration: none;" href="/about"><i>About us</i></a>
         <a style="text-decoration: none;" href="/contact"><i>Contact</i></a>
        </div> <!-- footer link -->
      </div>
      <div class="col-lg-4 col-md-6">
       <div class="footer-address mt-40">
        <div class="footer-title pb-25">
         <h6><u>Contact Us</u></h6>
        </div>
        <div class="cont">
           Nava Toli, Simdega, J.H - 835211
```

```
</div>
          <div class="cont">
            +91-945 000 1830<br>>05497-200017, 250008
           </div>
          <div class="cont">
            sunshinejhar@gmail.com
           </div>
          </div> <!-- footer address -->
       </div>
     </div> <!-- row -->
     </div> <!-- container -->
    </div> <!-- footer top -->
    <div class="footer-copyright pt-10 pb-25">
     <div class="container">
     <div class="row">
       <div class="col-md-12">
       <div class="copyright mt-5 text-md-left text-center pt-15">
         >Developed by Aditya | Raj | Rahul @ MES's IMCC Pune
       </div>
       </div>
     </div> <!-- row -->
     </div> <!-- container -->
    </div> <!-- footer copyright -->
  </footer>
 </div>
</div>
</body>
</html>
```

### Courses.html

```
<marquee behavior="scroll" direction="left" scrollamount="13">
      <img src="/static/tech1.jpg" height="200" width="300">
      <img src="/static/tech2.jpg" height="200" width="300">
      <img src="/static/tech3.jpg" height="200" width="300">
      <img src="/static/tech4.jpg" height="200" width="300">
      <img src="/static/tech5.jpg" height="200" width="300">
      <img src="/static/tech6.jpg" height="200" width="300">
      <img src="/static/tech7.jpg" height="200" width="300">
      <img src="/static/tech8.jpg" height="200" width="300">
      <img src="/static/tech9.jpg" height="200" width="300">
      <img src="/static/tech10.jpg" height="200" width="300">
      <img src="/static/tech1.jpg" height="200" width="300">
      <img src="/static/tech2.jpg" height="200" width="300">
      <img src="/static/tech3.jpg" height="200" width="300">
      <img src="/static/tech4.jpg" height="200" width="300">
      <img src="/static/tech5.jpg" height="200" width="300">
      <img src="/static/tech6.jpg" height="200" width="300">
      <img src="/static/tech7.jpg" height="200" width="300">
      <img src="/static/tech8.jpg" height="200" width="300">
      <img src="/static/tech9.jpg" height="200" width="300">
      <img src="/static/tech10.jpg" height="200" width="300">
    </marquee>
  </div>
 </div>
</div>
</section>
<div class="container">
 <thead>
     SNo
       Course Id
       Course
       Batch
       Teacher
       Details
     </thead>
   {% for row in results %}
     {{ loop.index }}
       {{ row['Cid'] }}
       {{ row['Course'] }}
       {{ row['Batch'] }}
       {{ row['Teacher'] }}
       <form action="/cregister" method="post">
```

### cregister.html

```
{% extends 'base.html' %}
{% block body %}
<div class="container-fluid mb-5 mt-5">
<div class="card border-black text-center mb-3" style="max-width: 40rem; margin-left: 25%;">
 <div class="card-header">
  <h2>Course Details</h2>
 </div>
 <div class="card-body">
  <form action="/jaKabutarja" method="post">
   <thead>
    Key
     Value
    </thead>
   Course Name
     {{ details["Course"] }}
    Course Id
     {{ details["Cid"] }}
    Batch
     {{ details["Batch"] }}
```

```
Teacher
      {{ details["Teacher"] }}
     <input type="text" name="Courseld" value="{{ details['Course'] }}" style="display:none;">
   <input type="text" name="Cid" value="{{ details['Cid'] }}" style="display:none;">
   <input type="text" name="Batch" value="{{ details['Batch'] }}" style="display:none;">
   <input type="text" name="Teacher" value="{{ details['Teacher'] }}" style="display:none;">
   <div >
    <button type="submit" class="btn btn-outline-info" style="width: 80%;">Register</button>
   </div>
  </form>
 </div>
</div>
</div>
```

{% endblock body %}

### about.html

Using our enhanced global software training delivery methodology, innovative software training approach and industry expertise, we provide high-value corporate training services that enable our clients to enhance business performance, accelerate time-to-market, increase productivity and improve customer service.<br/>
| Service | Servi

We serve Global 100 companies and the leading software vendors in Banking & Financial Services, Insurance, Telecommunications, Technology and Media, Information & Education industries. We design and mentor human resources for our clients who create competitive advantage.

```
</div>
        </div> <!-- about cont -->
      </div> <!-- row --><br>
      <div class="about-items pt-60">
        <div class="row justify-content-center">
          <div class="col-lg-6 col-md-6 col-sm-10">
            <div class="about-singel-items mt-30">
              <h4><u>Our Aims & Objective</u></h4>
              <strong><em>The school aims at imparting that meets the needs of the life and
aspirations of the nation, i. e.</em></strong>
                To assimilate the ideals of equality, efficiency and excellence.
                  To enable with the over growing challenges of life.
                  To inculcate the strength of character.
                  To eradicate the evils of Casteism, religious intolerance and superstitions.
                </div> <!-- about singel -->
          <div class="col-lg-6 col-md-6 col-sm-10">
            <div class="about-singel-items mt-30">
              <h4><u>Our vision</u></h4>
              "To impart value based quality education by synthesizing the rich ancient Indian
heritage with modern Science and Technology"
            </div> <!-- about singel -->
          </div>
       </div> <!-- row -->
      </div> <!-- about items -->
    </div> <!-- container -->
  </section><br/><br/>
{% endblock body %}
contact.html
{% extends 'base.html' %}
{% block body %}
<iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3678.128283779576!2d86.17469
721496364!3d22.797709985067407!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x39f5e36
100000001%3A0x9cfde484804e2078!2sD.A.V.%20PUBLIC%20SCHOOL%2CJSR!5e0!3m2!1sen!2sin!4v16
87082539332!5m2!1sen!2sin"
  width="100%" height="450" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-
referrer-when-downgrade">
```

```
</iframe>
<div class="container mt-5">
 <div class="container mb-5">
  <h1>Contact Us</h1>
  <form>
   <div class="mb-3">
    <label for="name" class="form-label">Name</label>
    <input type="text" class="form-control" id="name" placeholder="Enter your name" required>
   </div>
   <div class="mb-3">
    <label for="email" class="form-label">Email</label>
    <input type="email" class="form-control" id="email" placeholder="Enter your email" required>
   </div>
   <div class="mb-3">
    <label for="message" class="form-label">Message</label>
    <textarea class="form-control" id="message" rows="5" placeholder="Enter your message"
required></textarea>
   </div>
   <!-- Add more input fields as needed -->
   <button type="submit" class="btn btn-primary">Submit</button>
  </form>
</div>
</div>
{% endblock body %}
register.html
{% extends 'base.html' %}
{% block body %}
  <div class="container mb-5 mt-5 p-3" style="border: 1px solid black;">
    <h1 style="text-align: center;">Student Registration</h1>
    <form method="POST" action="{{url_for('register')}}" enctype="multipart/form-data">
      {% if msg is defined and msg %}
        <div class="alert alert-warning">{{ msg }}</div>
      {% endif %}
     <div class="mb-3">
       <label for="name" class="form-label">Name</label>
       <input type="text" class="form-control" id="name" name="Name" placeholder="Enter your</p>
name" required>
     </div>
      <div class="mb-3">
        <label for="age" class="form-label">Age</label>
```

```
<input type="number" class="form-control" id="age" name="Age" placeholder="Enter your
age" required>
     </div>
      <div class="mb-3">
        <label class="form-label" for="gender">Gender:</label><br/>
       <select id="gender" name="Gender" class="form-control" required>
          <option value="male">Male</option>
          <option value="female">Female</option>
          <option value="other">Other</option>
        </select>
     </div>
      <div class="mb-3">
        <label for="email" class="form-label">Email</label>
        <input type="email" class="form-control" id="email" name="Email" placeholder="Enter your</pre>
email" required>
     </div>
      <div class="mb-3">
        <label for="mobile" class="form-label">Mobile</label>
        <input type="number" class="form-control" id="mobile" name="Mobile" placeholder="Enter
your contact no." required>
     </div>
      <div class="mb-3">
        <label for="address" class="form-label">Address</label>
        <input type="text" class="form-control" id="address" name="Address" placeholder="Enter</p>
your address " required>
     </div>
      <div class="mb-3">
        <label for="photo" class="form-label">Photo</label>
        <input type="file" accept="image/*" autocomplete="off" class="form-control" name="Photo"
id="photo" required>
     </div>
      <div class="mb-3">
        <label for="password" class="form-label">Password</label>
        <input type="password" class="form-control" id="password" name="Password"
placeholder="Enter your password in alphabetdigitsymbol format" required>
     </div>
      <button type="submit" class="btn btn-primary">Submit</button>
    Already have an account? <a href="/dashboard">Login here</a>
   </div>
{% endblock body %}
```

login.html

```
{% extends 'base.html' %}
{% block body %}
<div class="container mt-5 mb-5">
  <div class="row">
    <div style="border: 1px solid black;" class="p-3">
      <h3 style="text-align: center;">Student Login</h3>
     <form method="post" action="/dashboard">
       {% if msg is defined and msg %}
          <div class="alert alert-warning">{{ msg }}</div>
       {% endif %}
       <div class="mb-3">
          <label for="Email" class="form-label">Email</label>
          <input type="email" class="form-control" id="Email" name="Email" placeholder="Enter
email" required>
       </div>
       <div class="mb-3">
          <label for="Password" class="form-label">Password</label>
          <input type="password" class="form-control" id="Password" name="Password"
placeholder="Enter password" required>
       </div>
        </form>
    </div>
  </div>
</div>
{% endblock body %}
dashboard.html
{% extends 'base.html' %}
{% block body %}
<div class="container-fluid">
  <div class="row">
   <div class="col-2 border-end border-1 border-dark">
    <!-- Sidebar Menu -->
    <div class="mt-4 mb-4">
     <a href="#studentDetails" class="details">
     <button style="width: 100%;" class="btn btn-outline-secondary" type="button">Profile</button>
     </a>
    </div>
    <div class="mt-3 mb-4">
     <a href="#timeTable" class="details">
```

```
<button style="width: 100%;" class="btn btn-outline-secondary" type="button">Time
Table</button>
     </a>
    </div>
    <div class="mt-3 mb-4">
     <a href="#registeredCourses" class="details">
      <button style="width: 100%;" class="btn btn-outline-secondary" type="button">Registered
Courses</button>
     </a>
    </div>
    <div class="mt-3 mb-4">
     <a href="#upcomingCourses" class="details">
      <button style="width: 100%;" class="btn btn-outline-secondary" type="button">Upcoming
Courses</button>
     </a>
    </div>
    <div class="mt-3 mb-4">
     <a href="#allCourses" class="details">
      <buton style="width: 100%;" class="btn btn-outline-secondary" type="button">View all
Courses</button>
     </a>
    </div>
    <div class="mb-5">
     <a href="{{ url for('logout') }}">
      <button class="btn btn-dark" style="width: 100%;">Logout</button>
     </a>
    </div>
   </div>
   <div class="col-10 scrollable-div">
    <!-- Welcome student bar -->
    <div class="container-fluid d-flex justify-content-around align-items-center border-bottom border-1</p>
border-dark">
     <div>
      <h4>Welcome <span style="color: #0b8cec;">{{session.name}} !</span></h4>
     </div>
     <div>
       <img src="{{ url for('static', filename='profilepic/' + session.profilepic) }}" class="rounded-circle"</pre>
width="70" height="70" alt="Profile pic">
     </div>
    </div>
    <!-- Sections start-->
    <!-- Section: Student Details-->
    <div id="studentDetails" class="container-fluid mb-5 mt-5 hidden-section">
     <div class="card border-black text-center mb-3" style="max-width: 40rem; margin-left: 20%;">
      <div class="card-header">
```

```
<h2>Profile Information</h2>
 </div>
 <div class="card-body">
 <thead>
   Key
    Value
   </thead>
  Roll No
    {{ session.roll }}
   Name
    {{ session.name }}
   Age
    {{ session.age }}
   Gender
    {{ session.gender }}
   Email
    {{ session.email }}
   Contact
    {{ session.contact }}
   Address
    {{ session.address }}
   </div>
</div>
</div>
<!-- section: Time Table -->
<div id="timeTable" class="container-fluid mb-5 mt-5 hidden-section">
<div style="text-align: center;">
```

```
<h2><u>Routine For Morning Batch</u></h2>
<thead>
Day/Time
 7AM-8AM
 8AM-9AM
 9AM-10AM
 10AM-11AM
</thead>
Mon
 Java Core
 React
 Data Science
 Web Dev Basics
Tue
 Python
 AngularJS
 DevOps
 Full Stack Java
Wed
 Java Core
 React
 Data Science
 Web Dev Basics
Thu
 Python
 AngularJS
 DevOps
 Full Stack Java
 Fri
 Java Core
 React
 Data Science
 Web Dev Basics
```

```
Sat
  Python
  AngularJS
  DevOps
 Full Stack Java
 </div>
<div class="mt-5" style="text-align: center;">
<h2><u>Routine For Evening Batch</u></h2>
<thead>
 Day/Time
 3PM-4PM
 4PM-5PM
 5PM-6PM
 6PM-7PM
 </thead>
Mon
 Java Core
 React
 Data Science
 Web Dev Basics
 Tue
 Python
  AngularJS
 DevOps
  Full Stack Java
 Wed
 Java Core
 React
 Data Science
 Web Dev Basics
 Thu
 Python
  AngularJS
```

```
DevOps
  Full Stack Java
  Fri
  Java Core
  React
  Data Science
  Web Dev Basics
  Sat
  Python
  AngularJS
  DevOps
  Full Stack Java
  </div>
</div>
<!-- Section: Registered Courses -->
<div id="registeredCourses" class="container-fluid mb-5 mt-5 hidden-section">
<div class="container" style="text-align: center;">
 <h2><u>Registered Courses</u></h2>
</div>
<thead>
  SNo
   Course Id
   Roll No
   Course Name
   Batch
   Teacher
  </thead>
 {% for row in reg %}
  {{ loop.index }}
   {{ row['Cid'] }}
   {{ row['Rollno'] }}
   {{ row['Course'] }}
   {{ row['Batch'] }}
   {{ row['Teacher'] }}
```

```
{% endfor %}
 </div>
<!-- Section: Upcoming Courses -->
<div id="upcomingCourses" class="container-fluid mb-5 mt-5 hidden-section">
<div class="container" style="text-align: center;">
 <h2><u>Upcoming Courses</u></h2>
</div>
<thead>
  SNo
   Course Id
   Course Name
   Batch
   Date
   Time
   Teacher
  </thead>
 {% for row in uc %}
   {{ loop.index }}
   {{ row['Cid'] }}
   {{ row['Course'] }}
   {{ row['Batch'] }}
   {{ row['Date'] }}
   {{ row['Time'] }}
   {{ row['Teacher'] }}
  {% endfor %}
 </div>
<!-- Section: All Courses-->
<div id="allCourses" class="container-fluid hidden-section">
<div class="container" style="text-align: center;">
 <h2><u>All Courses</u></h2>
</div>
<thead>
  SNo
   Course Id
```

```
Course
         Teacher
       </thead>
     {% for row in results %}
       {{ loop.index }}
         {{ row['Cid'] }}
         {{ row['Course'] }}
         {{ row['Teacher'] }}
       {% endfor %}
     </div>
    <!-- Sections end-->
  </div>
  </div>
 </div>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
 <script>
 // Function to toggle visibility of sections
 function toggleSection(sectionId) {
  var section = document.getElementById(sectionId);
  if (section.style.display === "none") {
   section.style.display = "block";
  } else {
   section.style.display = "none";
  }
 }
 // Event listener for section links
 var sectionLinks = document.guerySelectorAll(".details");
  sectionLinks.forEach(function(link) {
  link.addEventListener("click", function(event) {
   event.preventDefault(); // Prevent default link behavior
   var sectionId = link.getAttribute("href").substring(1); // Extract section ID from href
   toggleSection(sectionId); // Toggle visibility of section
  });
 });
 </script>
{% endblock body %}
```

# **Bibliography**

- 1. Python Official Documentation
- 2. Flask Official Documentation
- 3. MySQL Official Documentation
- 4. Bootstrap Official Documentation
- 5. W3schools
- 6. Github.com
- 7. Google.com
- 8. Youtube.com