

Bengaluru, Karnataka, India



AN INTERNSHIP REPORT
ON

“Engineering CGPA/SGPA Calculator”

BACHELOR OF ENGINEERING
In
INFORMATION SCIENCE AND ENGINEERING

Submitted by: **HARSHAVARDHAN GOWDA D B(4BD18IS031)**



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2021-2022

ABOUT THE COMPANY

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Some of our services include:

- Development - We develop responsive, functional and super-fast websites.
- We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.
- Mobile Application - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.
- Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.
- Consultancy - We are here to provide you with expert advice on your design and development requirement.
- Videos - We create a polished professional video that impresses your audience.

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OVERVIEW OF THE PROJECT

Project Name: Engineering CGPA/SGPA Calculator

Team Members: Harshavardhan Gowda D B

Mohammed Habeebulla

Prince Kumar Singh

Rohan R Kabnur

This project is based on Web Development and its Applications. The main objective of this project is to learn the implementation of HTML, CSS and JavaScript at frontend and PHP, MySQL database at backend, The webpage of this project is created using HTML and styling of the webpage is done using CSS.

It is a web application that simplifies the task of storing a users results. The system is flexible to be used and reduces the need of frequently searching and accessing an individuals marks. The system is developed to provide an easy means for storing semester wise results. Individuals have to login and enter their marks in a form. They can then access the result and print it in a PDF format.

1. USER MODULE

This module is mainly dedicated to the candidates who are looking to store their result. They can login into the system, via the credentials provided to them & once they are in, they have to enter their data by filling an online form . They can download the result from the same module, in PDF file format.

2. ADMIN MODULE

This module is maintained by the admin and only he/she can manage and have access to every account. Admin can add or delete the users as well. They can modify the functionalities of the system, too. Admin can also add users on the fly to the application to make the application full of new functionalities.

SGPA Calculator

Marks calculation is an important aspect of college and school life. Although there are numerous methods of carrying out the same task, the most used method of score calculation is the GPA method. The one aspect of this method that appears a little confusing but is a perfectly simple concept is the conversion from SGPA to CGPA. Even though both the concepts of SGPA and CGPA serve a similar purpose, they differ from each other and are calculated separately and through different methods.

According to the definitions we have established of SGPA and CGPA, CGPA can be termed as the collective SGPAs calculated at the end of an academic year. In order to calculate your CGPA, you need to first find the average score of all subjects in each of the semesters, i.e. SGPA. Then, add all the SGPAs of all the semesters and divide the total by the number of semesters or sessions to find your CGPA for the academic year.

In the proposed CGPA/SGPA calculator if the user knows his/her SGPA/CGPA marks they can enter it and the calculator will convert it into percentage. The user needs to fill in the marks according to the subject code to calculate the SGPA. To calculate the CGPA the user needs to enter the obtained SGPA of the particular sem to get the final CGPA result, if they want the user can convert it into percentage.

TOOLS USED

Software Requirements

- Visual Studio Code 2019.
- Google Chrome or Microsoft Edge of latest version.
- Front End: HTML, CSS, JS
- Backend : Php, MySQL, Xampp
- Linux 7.1 or Windows XP/7/8/10 OS or Mac OS

Hardware Requirements

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128 MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

IMPLEMENTATION

Login.html:

```
<!DOCTYPE HTML>
<html lang="en">

<head>
  <title>VTU Calculator</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta charset="utf-8">
  <meta name="keywords" content="sgpa Calculator, Calculator, cgpa Calculator, VTU, cbcs,non cbcs" />
  <script>
    addEventListener("load", function () {
      setTimeout(hideURLbar, 0);
    }, false);

    function hideURLbar() {
      window.scrollTo(0, 1);
    }
  </script>

  <!-- Bootstrap Core CSS -->
  <link href="static/css/bootstrap.css" rel='stylesheet' type='text/css' />
  <!-- Custom CSS -->
  <link href="static/css/style.css" rel='stylesheet' type='text/css' />
  <!-- font-awesome icons -->
  <link href="static/css/fontawesome-all.min.css" rel="stylesheet">
  <!-- pop up box -->
  <link href="static/css/popup-box.css" rel="stylesheet" type="text/css" media="all" />
  <link rel="stylesheet" href="static/css/owl.carousel.css" type="text/css" media="all">
  <link rel="stylesheet" href="static/css/owl.theme.css" type="text/css" media="all">
  <!-- Carousel (for News section) -->
  <!-- //Custom Theme files -->
  <!-- online fonts -->
  <!-- <link
href="//fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400i,500,500i,600,600i,700,700i,
800,800i,900,900i"
rel="stylesheet">
  <link href="//fonts.googleapis.com/css?family=Gentium+Book+Basic:400,400i,700i" rel="stylesheet"> -->
  <!--//online fonts -->
</head>

<body>
  <!-- header -->
  <header>
    <div class="header-bottom">
      <div class="container">
        <nav class="navbar navbar-expand-lg navbar-light p-0">
          <h1><a class="navbar-brand" href="index.html">
            VTU Calculator
          </a></h1>
        </nav>
      </div>
    </div>
  </header>
</body>
</html>
```

```

<button class="navbar-toggler ml-lg-auto ml-sm-5" 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">
  <ul class="navbar-nav text-center ml-auto" id="logged">
    <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
      <a class="hover-fill" aria-pressed="false" href="index.html"
        data-txthover="PERCENTAGE CALCULATOR">PERCENTAGE
        CALCULATOR</a>
    </li>
    <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
      <a class="hover-fill" aria-pressed="false" href="sgpa.html"
        data-txthover="SGPA CALCULATOR">SGPA CALCULATOR</a>
    </li>
    <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
      <a class="hover-fill" aria-pressed="false" href="cgpa.html"
        data-txthover="CGPA CALCULATOR">CGPA CALCULATOR</a>
    </li>
    <li class="nav-item">
      <a class="hover-fill" aria-pressed="false" href="logout.html"
        data-txthover="Logout">Logout</a>
    </li>
    <div id="notlogged">
      <li class="nav-item">
        <a class="hover-fill" aria-pressed="false" href="login.html"
          data-txthover="Login">Login</a>
      </li>
    </div>
  </ul>
</div>
</nav>
</div>
</div>
</header>
<!-- //header -->
<!-- banner -->
<div class="banner-w3ls">
  <div class="container">
    <div class="banner-info-w3ls m-2">
      <fieldset class="container-fluid">
        <legend>
          Login
        </legend>
        <div class="container">
          <form action="/index.html" method="post">
            <table>
              <tr>
                <td class="pr-3">
                  <label for="username">Username</label>
                </td>

```

```
<td class="pl-3">
  <input type="text" id='username' name='username' required>
</td>
</tr>
<tr>
  <td class="pr-3"><label for="password">Password</label></td>
  <td class="pl-3"><input type="password" id='password' name='password' required>
  </td>
</tr>
</table>
</form>
</table>
<button class="btn btn-primary" onclick="login()">Login</button>
</div>
</fieldset>

</div>
</div>

</div>
<!-- //banner -->

<!-- Login Script -->

<script>
  var logged = document.getElementById('logged');
  var notlogged = document.getElementById('notlogged');
  logged.style.visibility = "hidden";
  notlogged.style.visibility = "visible";
  function login() {
    var username = document.getElementById('username').value;
    var password = document.getElementById('password').value;
    var logged = document.getElementById('logged');
    var notlogged = document.getElementById('notlogged');
    if (username == "admin" && password == "admin@1234") {
      alert("Login Successful");
      notlogged.style.display = "none";
      logged.style.visibility = "visible";
      window.location.href = "index.html";
    } else {
      alert("Invalid Credentials");
    }
  }
</script>
<script src="static/js/SmoothScroll.min.js"></script>
<script src="static/js/bootstrap.js"></script>
</body>

</html>
```

Index.html:

```
<!DOCTYPE HTML>
<html lang="en">
<head>
  <title>VTU Calculator</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta charset="utf-8">
  <meta name="keywords" content="sgpa Calculator, Calculator, cgpa Calculator, VTU, cbcs,non cbcs" />
  <script>
    addEventListener("load", function () {
      setTimeout(hideURLbar, 0);
    }, false);

    function hideURLbar() {
      window.scrollTo(0, 1);
    }
  </script>

  <!-- Bootstrap Core CSS -->
  <link href="static/css/bootstrap.css" rel='stylesheet' type='text/css' />
  <!-- Custom CSS -->
  <link href="static/css/style.css" rel='stylesheet' type='text/css' />
  <!-- font-awesome icons -->
  <link href="static/css/fontawesome-all.min.css" rel="stylesheet">
    <!-- pop up box -->
    <link href="static/css/popup-box.css" rel="stylesheet" type="text/css" media="all" />
    <link rel="stylesheet" href="static/css/owl.carousel.css" type="text/css" media="all">
    <link rel="stylesheet" href="static/css/owl.theme.css" type="text/css" media="all">
    <!-- Carousel (for News section) -->
  <!-- //Custom Theme files -->
  <!-- online fonts -->
  <!-- <link
href="//fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400i,500,500i,600,600i,700,700i,
800,800i,900,900i"
rel="stylesheet">
  <link href="//fonts.googleapis.com/css?family=Gentium+Book+Basic:400,400i,700i" rel="stylesheet"> -->
  <!--//online fonts -->
</head>
<body>
  <!-- header -->
  <header>
    <div class="header-bottom">
      <div class="container">
        <nav class="navbar navbar-expand-lg navbar-light p-0">
          <h1><a class="navbar-brand" href="index.html">
            VTU Calculator
          </a></h1>
          <button class="navbar-toggler ml-lg-auto ml-sm-5" 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">
  <ul class="navbar-nav text-center ml-auto">
    <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
      <a class="hover-fill" aria-pressed="false" href="index.html" data-txthover="PERCENTAGE
CALCULATOR">PERCENTAGE CALCULATOR</a>
    </li>
    <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
      <a class="hover-fill" aria-pressed="false" href="sgpa.html" data-txthover="SGPA
CALCULATOR">SGPA CALCULATOR</a>
    </li>
    <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
      <a class="hover-fill" aria-pressed="false" href="cgpa.html" data-txthover="CGPA
CALCULATOR">CGPA CALCULATOR</a>
    </li>
    <li class="nav-item">
      <a class="hover-fill" aria-pressed="false" href="login.html" data-txthover="Logout">Logout</a>
    </li>
  </ul>
</nav>
</div>
</div>
</header>
<!-- //header -->
<!-- banner -->
<div class="screenview_bg bg-theme px-3">
  <div class="container">
    <section class="wthree-row w3-gallery py-5">
      <div class="container py-xl-5">
        <div class="w3l_header pb-3">
          <h3 class="text-center">VTU PERCENTAGE Calculator</h3>
        </div>
      </div>
    <!-- //gallery container -->

    <div class="container">
      <div class="login mb-sm-5 px-4 mx-auto mw-100">
        <form id="cgpac" action="#" method="post">
          <fieldset>
            <div class="row justify-content-md-center">
              <div class="col-5">
                <div class="form-row">
                  <div class="form-group col-md-6 mb-4">
                    <label class="col-form-label">CGPA/SGPA</label>
                  </div>
                  <div class="col-md-6 mb-4">
                    <input type="text" class="form-control" id="gpa" name="gpa" placeholder="CGPA/SGPA"
required>
                  </div>
                </div>
              </div>
            </div>
          </fieldset>
        </form>
      </div>
    </div>
  </div>
</div>

```

```

    <div class='text-center' style="margin-top: 10px">
        <button type="submit" class="get-started-btn">Calculate Percentage</button>
        <button type="submit" class="get-started-btn" onclick="window.print();">Print</button>
    </div>
</form>
</div>
</div>
<div class="row">
<div class="col">
    <fieldset disabled>
        <div class="container" style="margin:0 auto; width: 50%;">
            <legend>Result</legend>
            <div class="form-row">
                <div class="form-group col-md-6 mb-4">
                    <label class="col-form-label">Percentage</label>
                </div>
                <div class="col-md-6 mb-4">
                    <input type="text" id="percentage" class="form-control" placeholder="Percentage">
                </div>
            </div>
        </div>
    </fieldset>
</div>
</div>

</section>
</div>
</div>
<!-- //banner -->

<!-- js -->
<script src="static/js/jquery-2.2.3.min.js"></script>
<!--pop-up-box -->
<script src="static/js/jquery.magnific-popup.js"></script>
<script type="text/javascript">
    document.getElementById('cgpac').onsubmit = function() {
        var percentage;
        var g = document.getElementById('gpa').value;
        percentage = (g-0.75)*10;
        document.getElementById('percentage').value = percentage.toFixed(2);
        return false;
    };
</script>
<script>
    $(document).ready(function () {
        $('#popup-with-zoom-anim').magnificPopup({
            type: 'inline',
            fixedContentPos: false,
            fixedBgPos: true,
            overflowY: 'auto',
            closeBtnInside: true,
            preloader: false,

```

```

        midClick: true,
        removalDelay: 300,
        mainClass: 'my-mfp-zoom-in'
    });
});
</script>
<!-- //pop-up-box -->
<!-- start-smooth-scrolling -->
<script src="static/js/move-top.js" ></script>
<script src="static/js/easing.js"></script>
<script>
    jQuery(document).ready(function ($) {
        $(".scroll").click(function (event) {
            event.preventDefault();

            $('html,body').animate({
                scrollTop: $(this.hash).offset().top
            }, 1000);
        });
    });
</script>
<!-- //end-smooth-scrolling -->
<!-- carousel -->
<script src="static/js/owl.carousel.js"></script>
<script>
    $(document).ready(function() {
        $('.owl-carousel').owlCarousel({
            loop: true,
            margin: 10,
            responsiveClass: true,
            responsive: {
                0: {
                    items: 1,
                    nav: true
                },
                600: {
                    items: 1,
                    nav: false
                },
                900: {
                    items: 1,
                    nav: false
                },
                1000: {
                    items: 3,
                    nav: true,
                    loop: false,
                    margin: 20
                }
            }
        })
    })
})

```

```

</script>
<!-- //carousel -->

<!-- smooth-scrolling-of-move-up -->
<script>
    $(document).ready(function () {
        /*
            var defaults = {
                containerID: 'toTop', // fading element id
                containerHoverID: 'toTopHover', // fading element hover id
                scrollSpeed: 1200,
                easingType: 'linear'
            };
        */

        $.UItoTop({
            easingType: 'easeOutQuart'
        });

    });
</script>
<script src="static/js/SmoothScroll.min.js"></script>
<script src="static/js/bootstrap.js"></script>
</body>
</html>

```

sgpa.html:

```

<!DOCTYPE HTML>
<html lang="en">
<head>
    <title>VTU Calculator</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="utf-8">
    <meta name="keywords" content="sgpa Calculator, Calculator, cgpa Calculator, VTU, cbcs,non cbcs" />
    <script>
        addEventListener("load", function () {
            setTimeout(hideURLbar, 0);
        }, false);

        function hideURLbar() {
            window.scrollTo(0, 1);
        }
    </script>

    <!-- Bootstrap Core CSS -->
    <link href="static/css/bootstrap.css" rel='stylesheet' type='text/css' />
    <!-- Custom CSS -->
    <link href="static/css/style.css" rel='stylesheet' type='text/css' />
    <!-- font-awesome icons -->
    <link href="static/css/fontawesome-all.min.css" rel="stylesheet">
    <!-- pop up box -->

```

```

<link href="static/css/popup-box.css" rel="stylesheet" type="text/css" media="all" />
<link rel="stylesheet" href="static/css/owl.carousel.css" type="text/css" media="all">
<link rel="stylesheet" href="static/css/owl.theme.css" type="text/css" media="all">
<!-- Carousel (for News section) -->
<!-- //Custom Theme files -->
<!-- online fonts -->
<!-- <link
href="//fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400i,500,500i,600,600i,700,700i,
800,800i,900,900i"
rel="stylesheet">
<link href="//fonts.googleapis.com/css?family=Gentium+Book+Basic:400,400i,700i" rel="stylesheet"> -->
<!--//online fonts -->
</head>
<body>
<!-- header -->
<header>
<div class="header-bottom">
<div class="container">
<nav class="navbar navbar-expand-lg navbar-light p-0">
<h1><a class="navbar-brand" href="index.html">
VTU Calculator
</a></h1>
<button class="navbar-toggler ml-lg-auto ml-sm-5" 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">
<ul class="navbar-nav text-center ml-auto">
<li class="nav-item mr-lg-3 mt-lg-0 mt-4">
<a class="hover-fill" aria-pressed="false" href="index.html" data-txthover="PERCENTAGE
CALCULATOR">PERCENTAGE CALCULATOR</a>
</li>
<li class="nav-item mr-lg-3 mt-lg-0 mt-4">
<a class="hover-fill" aria-pressed="false" href="sgpa.html" data-txthover="SGPA
CALCULATOR">SGPA CALCULATOR</a>
</li>
<li class="nav-item mr-lg-3 mt-lg-0 mt-4">
<a class="hover-fill" aria-pressed="false" href="cgpa.html" data-txthover="CGPA
CALCULATOR">CGPA CALCULATOR</a>
</li>
<li class="nav-item">
<a class="hover-fill" aria-pressed="false" href="login.html" data-txthover="logout">Logout</a>
</li>
</ul>
</div>
</nav>
</div>
</div>
</header>
<!-- //header -->
<!-- banner -->
<div class="screenview_bg bg-theme px-3">

```

```

        <option value="16">B.E-INFORMATION SCIENCE & ENGINEERING</option>
        <option value="17">B.E-INSTRUMENTATION TECHNOLOGY</option>
        <option value="18">B.E-MANUFACTURING SCIENCE & ENGINEERING</option>
        <option value="19">B.E-MECHANICAL ENGINEERING</option>
        <option value="20">B.E-MECHATRONICS ENGINEERING</option>
        <option value="21">B.E-MEDICAL ELECTRONICS</option>
        <option value="22">B.E-MINING ENGINEERING</option>
        <option value="23">B.E-POLYMER SCIENCE & TECHNOLOGY</option>
        <option value="24">B.E-PRINTING TECHNOLOGY</option>
        <option value="25">B.E-SILK TECHNOLOGY</option>
        <option value="26">B.E-TELECOMMUNICATION ENGINEERING</option>
        <option value="27">B.E-TEXTILE TECHNOLOGY</option>
        <option value="28">B.E-TRANSPORTATION ENGINEERING</option>
        <option value="29">B.E-TOOL ENGINEERING</option>
    </select>
</div>
</div>
<div class="form-row">
    <div class="form-group col-md-6 mb-4">
        <label class="col-form-label">Scheme</label>
    </div>
    <div class="col-md-6 mb-4">
        <select class="form-control" id="scheme">
            <option value="2018_scheme">2018</option>
            <option value="2017_scheme">2017</option>
            <!-- <option value="2015_scheme">2015</option> -->
        </select>
    </div>
</div>
</div>
</fieldset>
<br>

<div class='text-center' style="margin-top: 10px">
    <button type="submit" class="get-started-btn">Submit</button>
</div>
</form>
</section>
</div>
</div>
<!-- //banner -->
<!-- js -->
<script src="static/js/jquery-2.2.3.min.js"></script>
<!--pop-up-box -->
<script src="static/js/jquery.magnific-popup.js"></script>
<script type="text/javascript">
    document.getElementById('choose').onsubmit = function() {
        if (document.getElementById('sem').value=="7th_sem" &&
document.getElementById('scheme').value=="2018_scheme" && document.getElementById('branch').value == 8) {
            window.location.replace("calc/"+document.getElementById('scheme').value+'-
'+document.getElementById('sem').value+'s.html');
            return false;
        }
        window.location.replace("calc/"+document.getElementById('scheme').value+'-

```

```

'+document.getElementById('sem').value+'.html?br='+document.getElementById('branch').value);
    return false;
};
</script>
<script>
    $(document).ready(function () {
        $('#popup-with-zoom-anim').magnificPopup({
            type: 'inline',
            fixedContentPos: false,
            fixedBgPos: true,
            overflowY: 'auto',
            closeBtnInside: true,
            preloader: false,
            midClick: true,
            removalDelay: 300,
            mainClass: 'my-mfp-zoom-in'
        });
    });
</script>
<!-- //pop-up-box -->
<!-- start-smooth-scrolling -->
<script src="static/js/move-top.js" ></script>
<script src="static/js/easing.js"></script>
<script>
    jQuery(document).ready(function ($) {
        $(".scroll").click(function (event) {
            event.preventDefault();

            $('html,body').animate({
                scrollTop: $(this.hash).offset().top
            }, 1000);
        });
    });
</script>
<!-- //end-smooth-scrolling -->
<!-- carousel -->
<script src="static/js/owl.carousel.js"></script>
<script>
    $(document).ready(function() {
        $('#owl-carousel').owlCarousel({
            loop: true,
            margin: 10,
            responsiveClass: true,
            responsive: {
                0: {
                    items: 1,
                    nav: true
                },
                600: {
                    items: 1,
                    nav: false
                },
            },
        });
    });

```

```

        900: {
            items: 1,
            nav: false
        },
        1000: {
            items: 3,
            nav: true,
            loop: false,
            margin: 20
        }
    }
})
})
</script>
<!-- //carousel -->

<!-- smooth-scrolling-of-move-up -->
<script>
$(document).ready(function () {
    /*
    var defaults = {
        containerID: 'toTop', // fading element id
        containerHoverID: 'toTopHover', // fading element hover id
        scrollSpeed: 1200,
        easingType: 'linear'
    };
    */

    $.UItoTop({
        easingType: 'easeOutQuart'
    });

});
</script>
<script>
    var printContents = document.getElementById('print').innerHTML;
</script>
<script src="static/js/SmoothScroll.min.js"></script>
<script src="static/js/bootstrap.js"></script>
</body>
</html>

```

Sgpa.html:

```

<!DOCTYPE HTML>
<html lang="en">
<head>
    <title>VTU Calculator</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="utf-8">
    <meta name="keywords" content="sgpa Calculator, Calculator, cgpa Calculator, VTU, cbcs,non cbcs" />
    <script>
        addEventListener("load", function () {

```

```

        setTimeout(hideURLbar, 0);
    }, false);

    function hideURLbar() {
        window.scrollTo(0, 1);
    }
</script>

<!-- Bootstrap Core CSS -->
<link href="static/css/bootstrap.css" rel='stylesheet' type='text/css' />
<!-- Custom CSS -->
<link href="static/css/style.css" rel='stylesheet' type='text/css' />
<!-- font-awesome icons -->
<link href="static/css/fontawesome-all.min.css" rel="stylesheet">
    <!-- pop up box -->
    <link href="static/css/popup-box.css" rel="stylesheet" type="text/css" media="all" />
    <link rel="stylesheet" href="static/css/owl.carousel.css" type="text/css" media="all">
    <link rel="stylesheet" href="static/css/owl.theme.css" type="text/css" media="all">
    <!-- Carousel (for News section) -->
<!-- //Custom Theme files -->
<!-- online fonts -->
<!-- <link
href="//fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400i,500,500i,600,600i,700,700i,800,800i,900,900i"
    rel="stylesheet">
    <link href="//fonts.googleapis.com/css?family=Gentium+Book+Basic:400,400i,700i" rel="stylesheet"> -->
<!--//online fonts -->
</head>
<body>
    <!-- header -->
    <header>
        <div class="header-bottom">
            <div class="container">
                <nav class="navbar navbar-expand-lg navbar-light p-0">
                    <h1><a class="navbar-brand" href="index.html">
                        VTU Calculator
                    </a></h1>
                    <button class="navbar-toggler ml-lg-auto ml-sm-5" 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">
                        <ul class="navbar-nav text-center ml-auto">
                            <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
                                <a class="hover-fill" aria-pressed="false" href="index.html" data-txthover="PERCENTAGE
CALCULATOR">PERCENTAGE CALCULATOR</a>
                            </li>
                            <li class="nav-item mr-lg-3 mt-lg-0 mt-4">
                                <a class="hover-fill" aria-pressed="false" href="sgpa.html" data-txthover="SGPA
CALCULATOR">SGPA CALCULATOR</a>
                            </li>
                            <li class="nav-item mr-lg-3 mt-lg-0 mt-4">

```

```

    <a class="hover-fill" aria-pressed="false" href="cgpa.html" data-txthover="CGPA
CALCULATOR">CGPA CALCULATOR</a>
  </li>
  <li class="nav-item">
    <a class="hover-fill" aria-pressed="false" href="login.html" data-
txthover="Logout">Logout</a>
  </li>
</ul>
</div>
</nav>
</div>
</div>
</header>
<!-- //header -->
<!-- banner -->
<div class="screenview_bg bg-theme px-3">
  <div class="container">
    <section class="wthree-row w3-gallery py-5">
      <div class="container py-xl-5">
        <div class="w3l_header mb-sm-5 pb-3">
          <h3 class="text-center">VTU CGPA Calculator</h3>
        </div>
      </div>
      <div class="row">
        <div class="col">
          <div class="container">
            <div class="login mb-sm-5 px-4 mx-auto mw-100">
              <form id="choose" action="#" method="post">
                <fieldset>
                  <legend class="pl-5">Choose accordingly</legend>
                  <div class="form-row">
                    <div class="col-md-4"></div>
                    <div class="form-group col-md-2 mb-4">
                      <label class="col-form-label">Scheme</label>
                    </div>
                    <div class="col-md-2 mb-4">
                      <select class="form-control" id="scheme">
                        <option value="2018_scheme">2018</option>
                        <option value="2017_scheme">2017</option>
                      </select>
                    </div>
                  </div>
                </fieldset>
                <br>
                <div class='text-center' style="margin-top: 10px">
                  <button type="submit" class="get-started-btn">Submit</button>
                </div>
              </form>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
<!-- //banner -->

```

```

<!-- js -->
<script src="static/js/jquery-2.2.3.min.js"></script>
    <!--pop-up-box -->
    <script src="static/js/jquery.magnific-popup.js"></script>
<script type="text/javascript">
    document.getElementById('choose').onsubmit = function() {
        window.location.replace("calc/"+document.getElementById('scheme').value+'.html');
        return false;
    };
</script>
    <script>
        $(document).ready(function () {
            $('.popup-with-zoom-anim').magnificPopup({
                type: 'inline',
                fixedContentPos: false,
                fixedBgPos: true,
                overflowY: 'auto',
                closeBtnInside: true,
                preloader: false,
                midClick: true,
                removalDelay: 300,
                mainClass: 'my-mfp-zoom-in'
            });
        });
    </script>
    <!-- //pop-up-box -->
<!-- start-smooth-scrolling -->
<script src="static/js/move-top.js" ></script>
<script src="static/js/easing.js"></script>
<script>
    jQuery(document).ready(function ($) {
        $(".scroll").click(function (event) {
            event.preventDefault();

            $('html,body').animate({
                scrollTop: $(this.hash).offset().top
            }, 1000);
        });
    });
</script>
<!-- //end-smooth-scrolling -->
    <!-- carousel -->
<script src="static/js/owl.carousel.js"></script>
<script>
    $(document).ready(function() {
        $('.owl-carousel').owlCarousel({
            loop: true,
            margin: 10,
            responsiveClass: true,
            responsive: {
                0: {
                    items: 1,

```

```

        nav: true
    },
    600: {
        items: 1,
        nav: false
    },
    900: {
        items: 1,
        nav: false
    },
    1000: {
        items: 3,
        nav: true,
        loop: false,
        margin: 20
    }
}
}))
</script>
<!-- //carousel -->

<!-- smooth-scrolling-of-move-up -->
<script>
    $(document).ready(function () {
        /*
        var defaults = {
            containerID: 'toTop', // fading element id
            containerHoverID: 'toTopHover', // fading element hover id
            scrollSpeed: 1200,
            easingType: 'linear'
        };
        */

        $.UtoTop({
            easingType: 'easeOutQuart'
        });

    });
</script>
<script src="static/js/SmoothScroll.min.js"></script>
<script src="static/js/bootstrap.js"></script>
</body>
</html>

```

Full.js:

```

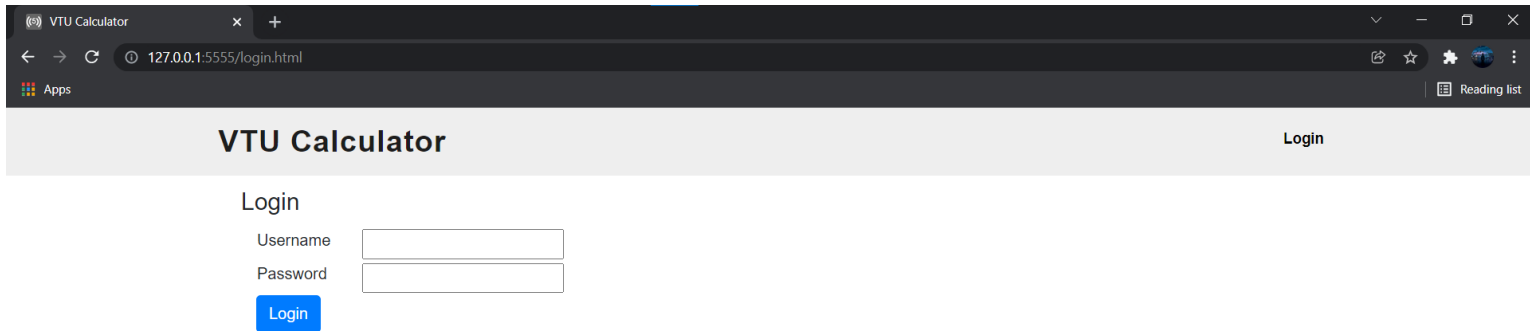
var slideIndex = 1;
showSlides(slideIndex);

// Next/previous controls
function plusSlides(n) {
    showSlides(slideIndex += n);
}

```

```
}  
  
// Thumbnail image controls  
function currentSlide(n) {  
    showSlides(slideIndex = n);  
}  
  
function showSlides(n) {  
    var i;  
    var slides = document.getElementsByClassName("mySlides");  
    var dots = document.getElementsByClassName("dot");  
    if (n > slides.length) {slideIndex = 1}  
    if (n < 1) {slideIndex = slides.length}  
    for (i = 0; i < slides.length; i++) {  
        slides[i].style.display = "none";  
    }  
    for (i = 0; i < dots.length; i++) {  
        dots[i].className = dots[i].className.replace(" active", "");  
    }  
    slides[slideIndex-1].style.display = "block";  
    dots[slideIndex-1].className += " active";  
}
```

SNAPSHOTS



I. login page

VTU Calculator
PERCENTAGE CALCULATOR
SGPA CALCULATOR
CGPA CALCULATOR
Logout

VTU SGPA Calculator

Choose accordingly

SEM
1st sem

BRANCH
B.E-AERONAUTICAL ENGINEERING

SCHEME
2018

Submit

VTU Calculator
PERCENTAGE CALCULATOR
SGPA CALCULATOR
CGPA CALCULATOR

1st SEM SGPA

18MAT11	18MAT11	18XXX15	18XXX15
18XXX12	18XXX12	18XXL16	18XXL16
18XXX13	18XXX13	18XXL17	18XXL17
18XXX14	18XXX14	18XXX18	18XXX18

Calculate SGPA
Print

Result

SGPA
SGPA

PERCENTAGE
Percentage

II. SGPA Calculator

VTU Calculator
PERCENTAGE CALCULATOR
SGPA CALCULATOR
CGPA CALCULATOR
Logout

VTU CGPA Calculator

Choose accordingly

SCHEME

Submit

VTU Calculator
PERCENTAGE CALCULATOR
SGPA CALCULATOR
CGPA CALCULATOR

VTU CGPA Calculator

1ST SEM	<input type="text" value="1st Sem"/>	2ND SEM	<input type="text" value="2nd Sem"/>
3RD SEM	<input type="text" value="3rd Sem"/>	4TH SEM	<input type="text" value="4th Sem"/>
5TH SEM	<input type="text" value="5th Sem"/>	6TH SEM	<input type="text" value="6th Sem"/>
7TH SEM	<input type="text" value="7th Sem"/>	8TH SEM	<input type="text" value="8th Sem"/>

Calculate CGPA Print

Result

CGPA

PERCENTAGE

© 2022

III. CGPA Calculator

VTU Calculator

127.0.0.1:5555/index.html

Apps

Reading list

VTU Calculator

PERCENTAGE CALCULATORSGPA CALCULATORCGPA CALCULATORLogout

VTU ~~PERCENTAGE~~ Calculator

CGPA/SGPA

CGPA/SGPA

Calculate Percentage

Print

Result

PERCENTAGE

Percentage

IV. Percentage Calculator

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- <https://freefrontend.com>
- <https://css-tricks.com/>
- <https://www.takeiteasyengineers.com>
- https://dev.to/mychi_darko/php-tips-and-tricks-4kpn

About My Team

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