

INNOVATE. CREATE. SOLVE

Bengaluru, Karnataka, India



AN INTERNSHIP REPORT

ON

“ENGINEERING SGPA/CGPA CALCULATOR”

Bachelor of Engineering

In

Computer Science and Engineering

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B.M.S. Institute of Technology & Management

ABOUT THE COMPANY

IC Solution (ICS) is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At ICS, we believe that service and quality is the key to success

We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

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 SGPA/CGPA CALCULATOR

Team Members: : Ade Deepak Dagadu (1by19cs400)
Priyanka (1by19cs410)
Chandrashekar B Y(1by19cs401)
Madhavi NI (1by19cs404)

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. The basic webpage of this project is created using HTML and styling of the webpage is done using CSS.

CGPA refers to the cumulative grade point average which literally translates to the sum total of all your credit points. This system helps in assessing the overall academic performance of a student. Although the evaluation criteria may vary from one country to another, the CGPA system is among the most common evaluation way in most professional/technical courses.

SGPA, which stands for Semester Grade Point Average is an evaluation method that highlights the semester wise performance of the student. It can be calculated by simply adding all the credit points awarded for the subjects and then dividing it by the total credits allotted to that semester.

To find CGPA from SGPA, you need to follow this formula: $CGPA = (\text{SGPAs of All semesters in an academic year}) / \text{Number of semesters}$ Thus, by adding up all the SGPA's you have got in an academic year by the total number of semesters, you will find CGPA from SGPA.

GPA, in simple terms, is Grade Point Average, i.e. the average of all the grades given to a student throughout the semester or can also be calculated in terms of studying different courses that the student has opted for. Most importantly, GPA shows the achievement level of a student as well as their scholastic abilities thus helping teachers assess their performance over a stipulated time period.

Indian grading system uses a 10-point GPA scale and to obtain your GPA from percentage you need to divide % of marks by 9.5.

$$GPA = \text{Percentage} / 9.5$$

For the GPA 4.0 scale used in the US, you need to simply divide your percentage by 100 and then multiply it to 4.

$$GPA = (\text{Percentage} / 100) * 4$$

TOOLS USED

Software Requirements

- Visual Studio Code 2019.
- Google Chrome or Microsoft Edge of latest version.
- Front End: HTML, CSS, JS (optional)
- XAAMP
 - Apache:
 - (Application Server) Apache, often referred to as Server, is an open-source Java Servlet Container developed by the Apache Software Foundation.
 - MySQLServer:
 - It handles largest databases much faster than existing solutions.
 - It consists of multi-threaded SQL server that supports different back ends, several different client programs and libraries, administrative tools, and application programming interfaces (APIs)
 - Its connectivity, speed, and security make MySQL Server highly suited for accessing databases on the Internet.
- **Git Hub:** GitHub Inc. is a web-based hosting service for version control using Git. It is mostly used for computer code. It offers all of the distributed version control and source code management functionality of Git as well as adding its own features.
- 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

Source Code (PHP):

Signup.php

```
<!DOCTYPE HTML>
<html lang="en">
<head>
  <title>VTU Calculator | N.B.Patil</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,5
00,500i,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 Calc
                    </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">
                                <a class="hover-fill" aria-pressed="false" href="cgpa.html" data-
txthover="CGPA CALCULATOR">CGPA CALCULATOR</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 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>
        <br>
        <div class='text-center' style="margin-top: 10px">
          <button type="submit" class="get-started-btn">Calculate
Percentage</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 -->

<!-- //footer -->
<div class="cpy-right">
    <p class="text-white">© <script>document.write(new
Date().getFullYear())</script> Design by
    <a href="http://nbpatil.ml"> nbpatil.</a>
    </p>
</div>

<!-- 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
                },
            },
        });
    });
</script>
```

```
        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>
```

CGPA.HTML

```
<!DOCTYPE HTML>
<html lang="en">
<head>
  <title>VTU Calculator | N.B.Patil</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,4
```

```

00,400i,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 Calc
                    </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">
                                <a class="hover-fill" aria-pressed="false" href="cgpa.html"
data-txthover="CGPA CALCULATOR">CGPA CALCULATOR</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>
</section>
</div>
</div>
<!-- //banner -->

<!-- //footer -->
<div class="cpy-right">
  <p class="text-white">© <script>document.write(new
Date().getFullYear())</script> Design by
  <a href="http://nbpatil.ml"> nbpatil.</a>
  </p>
</div>

<!-- 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+'.h
tml');
  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
                }
            }
        });
    });
</script>
```

```
        },
        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 | N.B.Patil</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,4
```

```

00,400i,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 Calc
                    </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">
                                <a class="hover-fill" aria-pressed="false" href="cgpa.html"
data-txthover="CGPA CALCULATOR">CGPA CALCULATOR</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 SGPA Calculator</h3>
        </div>
      </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>Choose accordingly</legend>
                <div class="form-row">
                  <div class="form-group col-md-6 mb-4">
                    <label class="col-form-label">Sem</label>
                  </div>
                  <div class="col-md-6 mb-4">
                    <select class="form-control" id="sem">
                      <option value="1st_sem">1st sem</option>
                      <option value="2nd_sem">2nd sem</option>
                      <option value="3rd_sem">3rd sem</option>
                      <option value="4th_sem">4th sem</option>
                      <option value="5th_sem">5th sem</option>
                      <option value="6th_sem">6th sem</option>
                      <option value="7th_sem">7th sem</option>
                      <option value="8th_sem">8th sem</option>
                    </select>
                  </div>
                </div>
              </fieldset>
            </form>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
</select>
</div>
</div>
<div class="form-row">
  <div class="form-group col-md-6 mb-4">
    <label class="col-form-label">Branch</label>
  </div>
  <div class="col-md-6 mb-4">
    <select class="form-control" id="branch">
      <option value="1" >B.E-AERONAUTICAL
ENGINEERING</option>
      <option value="2" >B.E-AUTOMOBILE
ENGINEERING</option>
      <option value="3" >B.E-BIO-MEDICAL
ENGINEERING</option>
      <option value="4" >B.E-BIOTECHNOLOGY</option>
      <option value="5" >B.E-CERAMICS & CEMENT
TECHNOLOGY</option>
      <option value="6" >B.E-CHEMICAL
ENGINEERING</option>
      <option value="7" >B.E-CIVIL ENGINEERING</option>
      <option value="8" >B.E-COMPUTER SCIENCE &
ENGINEERING</option>
      <option value="9" >B.E-CONSTRUCTION TECHNOLOGY
AND MANAGEMENT</option>
      <option value="10">B.E-PRECISION
MANUFACTURING</option>
      <option value="11">B.E-ELECTRICAL & ELECTRONICS
ENGINEERING</option>
      <option value="12">B.E-ELECTRONICS &
COMMUNICATION ENGINEERING</option>
      <option value="13">B.E-ENVIRONMENTAL
ENGINEERING</option>
      <option value="14">B.E-INDUSTRIAL & PRODUCTION
ENGINEERING</option>
      <option value="15">B.E-INDUSTRIAL ENGINEERING &
MANAGEMENT</option>
      <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 -->

<!-- //footer -->
<div class="cpy-right">
    <p class="text-white">© <script>document.write(new
Date().getFullYear())</script> Design by
    <a href="http://nbpatil.ml"> nbpatil.</a>
    </p>
</div>

<!-- 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.getElementBy
```

```
Id('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,

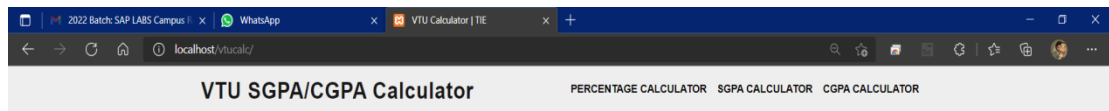
        responsiveClass: true,
        responsive: {
            0: {
                items: 1,
                nav: true
            },
            600: {
                items: 1,
                nav: false
            },
            900: {
                items: 1,
                nav: false
            },
            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 src="static/js/SmoothScroll.min.js"></script>  
<script src="static/js/bootstrap.js"></script>  
</body>  
</html>
```

IMPLEMENTATION

Snapshots:



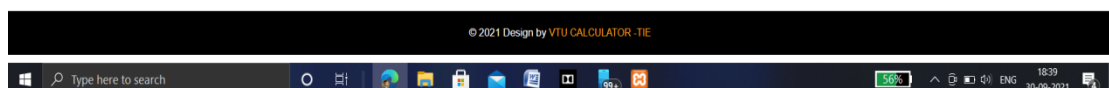
VTU PERCENTAGE Calculator

CGPA/SGPA

[Calculate Percentage](#)

Result

PERCENTAGE



Choose accordingly

SEM

BRANCH

SCHEME

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VTU Calc [PERCENTAGE CALCULATOR](#) [SGPA CALCULATOR](#) [CGPA CALCULATOR](#)

1st SEM SGPA

18MAT11	<input type="text" value="85"/>	18XXX15	<input type="text" value="75"/>
18XXX12	<input type="text" value="65"/>	18XXL16	<input type="text" value="66"/>
18XXX13	<input type="text" value="95"/>	18XXL17	<input type="text" value="55"/>
18XXX14	<input type="text" value="55"/>	18XXX18	<input type="text" value="94"/>

Result

SGPA

PERCENTAGE

VTU Calc

PERCENTAGE CALCULATOR SGPA CALCULATOR CGPA CALCULATOR

VTU CGPA Calculator

Choose accordingly

SCHEME

VTU Calc

PERCENTAGE CALCULATOR SGPA CALCULATOR CGPA CALCULATOR

VTU CGPA Calculator

1ST SEM	<input type="text" value="7.5"/>	2ND SEM	<input type="text" value="6.3"/>
3RD SEM	<input type="text" value="6.5"/>	4TH SEM	<input type="text" value="4.5"/>
5TH SEM	<input type="text" value="6.8"/>	6TH SEM	<input type="text" value="6.5"/>
7TH SEM	<input type="text" value="7.4"/>	8TH SEM	<input type="text" value="8.5"/>

Result

CGPA

PERCENTAGE

BIBLIOGRAPHY

- <https://www.w3schools.com>
- <https://www.geeksforgeeks.org>
- <https://freefrontend.com>

About my Team

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