Bengaluru, Karnataka, India



AN INTERNSHIP REPORT ON

“Engineering CGPA/SGPA Calculator”

## BACHELOR OF ENGINEERING

In

#### INFORMATION SCIENCE AND ENGINEERING

##### Submitted by: MOHAMMED HABEEBULLA(4BD19IS406)

****

Bapuji Institute of Engineering & Technology

(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

**Davanagere -577004**

##### 2021-2022

**ABOUT THE COMPANY**

CST is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At CST , 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 shouldbe 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 expertsin 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.

# Table of Contents

#### Contents Page No.

**Table of Contents I**

[Overview of the project 1](#_TOC_250003)

About 2

[Tools used 3](#_TOC_250002)

[Implementation 4-25](#_TOC_250001)

[Snapshots 26-27](#_TOC_250000)

Bibliography 28

##### (I)

### 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.

1. **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>

<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>

<br>

<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">

<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 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>

<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>

</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>

</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() {

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'

};

\*/

$().UItoTop({

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

### 

### 

### II. SGPA Calculator

### 

### 

### III. CGPA Calculator

### IV. Percentage Calculator

### BIBLIOGRAPHY

* https://[www.w3schools.com](http://www.w3schools.com/)
* https://www.geeksforgeeks org
* https://freefrontend.com
* <https://css-tricks.com/>
* https://www.takeiteasyengineers.com
* https://dev.to/mychi\_darko/php-tips-and-tricks-4kpn

**About My Team**

* Harshavardhan Gowda D B (code and report)
* Mohammed Habeebulla (code and report)
* Prince Kumar Singh (code and report)
* Rohan R Kabnur (code and report)