**Bansilal Ramnath Agarwal Charitable Trust’s**

# Vishwakarma Institute of Technology, Pune-37

*(An autonomous Institute of Savitribai Phule Pune University)*



# Department of Computer Engineering

**Course Code:** CS3215

**Course Name:** WEB TECHNOLOGY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NAME** | **PRN No.** | **Roll No.** | **Batch** | **Class** |
| Shreyansh Srivastava | 12011100 | 32 | B-2 | TY-CS-D |

## Assignment Number: 06

**Title:** Design and develop a responsive website to prepare one semester result of VIT students using JavaScript, PHP and MySQL. Take any four subjects with MSE Marks

(30%) ESE Marks (70%).

## Source Code:- Index.html:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>VIT RESULTS</title>

<!-- Bootstrap -->

<link href="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-](https://cdn.jsdelivr.net/npm/bootstrap%405.3.0-) alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384- KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ"

crossorigin="anonymous">

<script src="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-](https://cdn.jsdelivr.net/npm/bootstrap%405.3.0-) alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384- ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe" crossorigin="anonymous"></script>

<style>

.content {

display: block; margin-top: 10px; width: 50%;

border: 3px solid rgb(34, 100, 243); padding: 20px;

}

h3{

}

background-color: rgb(59, 121, 255);

color: rgb(0, 0, 0);

font-family: Georgia, 'Times New Roman', Times, serif;

</style>

</head>

<body>

<div class="content container-fluid">

<div class="text-center" style="margin-bottom: 10px;">

<img src="vit.jpg" alt="Error While Displaying Image !" class="img-fluid">

</div>

<form action="result.php" method="POST" id="inputData" class="needs- validation" novalidate>

<h3><center><u>Enter Marks</u></center></h3>

<div class="row">

<div class="col-lg-12">

<!-- Operating System -->

<br><h5>1. Operating System:</h5>

<div id="inputFormRow1">

<div class="input-group mb-3">

<input type="text" name="subject1MSE" class="form- control m-input" placeholder="MSE Marks (Out of 30)" required>

<input type="text" name="subject1ESE" class="form- control m-input" placeholder="ESE Marks (Out of 70)" required>

</div>

</div>

<!-- Computer Networks -->

<br><h5>2. Computer Networks:</h5>

<div id="inputFormRow2">

<div class="input-group mb-3">

<input type="text" name="subject2MSE" class="form- control m-input" placeholder="MSE Marks (Out of 30)" required>

<input type="text" name="subject2ESE" class="form- control m-input" placeholder="ESE Marks (Out of 70)" required>

</div>

</div>

<!-- Cyber Security -->

<br><h5>3. Cyber Security:</h5>

<div id="inputFormRow3">

<div class="input-group mb-3">

<input type="text" name="subject3MSE" class="form- control m-input" placeholder="MSE Marks (Out of 30)" required>

<input type="text" name="subject3ESE" class="form- control m-input" placeholder="ESE Marks (Out of 70)" required>

</div>

</div>

<!-- Artifical Intelligence -->

<br><h5>4. Artifical Intelligence:</h5>

<div id="inputFormRow4">

<div class="input-group mb-3">

<input type="text" name="subject4MSE" class="form- control m-input" placeholder="MSE Marks (Out of 30)" required>

<input type="text" name="subject4ESE" class="form- control m-input" placeholder="ESE Marks (Out of 70)" required>

</div>

</div>

</div>

</div>

<div class="text-center">

<button class="btn btn-info" id="resultButton" type="submit" style="margin-top:20px;">Show Result</button>

</div>

</form>

</div>

<script type="text/javascript"> (function()

{

'use strict'; window.addEventListener('load', function()

{

validation'); function(form)

var forms = document.getElementsByClassName('needs- var validation = Array.prototype.filter.call(forms,

{

form.addEventListener('submit', function(event)

{

if (form.checkValidity() === false)

{

event.preventDefault(); event.stopPropagation();

}

});

form.classList.add('was-validated');

}, false);

}, false);

});

</script>

</body>

</html>

## result.php:

<?php

$osMSE = (int)$\_POST["subject1MSE"];

$osESE = (int)$\_POST["subject1ESE"];

$osTotal = $osMSE + $osESE;

$cnMSE = (int)$\_POST["subject2MSE"];

$cnESE = (int)$\_POST["subject2ESE"];

$cnTotal = $cnMSE + $cnESE;

$csMSE = (int)$\_POST["subject3MSE"];

$csESE = (int)$\_POST["subject3ESE"];

$csTotal = $csMSE + $csESE;

$aiMSE = (int)$\_POST["subject4MSE"];

$aiESE = (int)$\_POST["subject4ESE"];

$aiTotal = $aiMSE + $aiESE;

$totalMarks = $osTotal + $cnTotal + $csTotal + $aiTotal;

$percentage = ($totalMarks / 400) \* 100;

$cgpa = round(($percentage / 10), 2);

// MySQL Configuration

$server = "localhost";

$username = "root";

$password = "Shreyansh\_07";

$database = "vit";

$mysql\_connection = mysqli\_connect($server, $username, $password,

$database);

if (!$mysql\_connection)

{

echo '<div class="alert alert-danger" role="alert">

<h4 class="alert-heading">Failed to connect to database ... ' . mysqli\_connect\_error() . ' !!! </h4></div>';

die();

}

$sql\_query = "INSERT INTO results(OS, CN, CS, AI, CGPA) VALUES($osTotal,

$cnTotal, $csTotal, $aiTotal, $cgpa)";

if (!mysqli\_query($mysql\_connection, $sql\_query))

{

echo '<div class="alert alert-danger" role="alert">

<h4 class="alert-heading">Failed to insert data to database !!!

</h4></div>';

die();

}

$sql\_query = "SELECT \* from results";

$result = mysqli\_query($mysql\_connection, $sql\_query); mysqli\_close($mysql\_connection);

?>

<!DOCTYPE html>

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crossorigin="anonymous">

<script src="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-](https://cdn.jsdelivr.net/npm/bootstrap%405.3.0-) alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384- ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe" crossorigin="anonymous"></script>

<style>

table {

margin: 0 auto; font-size: large;

border: 1px solid black;

}

h1 {

margin-top: 10px; text-align: center; color: #006600; font-size: xx-large; background-

}

th {

font-weight: bold; border: 1px solid black; padding: 10px;

text-align: center;

}

td {

background-color: #e0e0e0; border: 1px solid black;

}

</style>

</head>

<body>

<section class="text-center">

<h1>Results</h1>

<table>

<tr>

<th>Roll No.</th>

<th>Operating System</th>

<th>Computer Networks</th>

<th>Cyber Security</th>

<th>Artificial Intelligence</th>

<th>CGPA</th>

</tr>

<!-- Fetch MySQL Table Data -->

<?php

if (mysqli\_num\_rows($result) > 0)

{

?>

<?php

}

?>

</table>

</section>

</body>

</html>

while($rows = $result->fetch\_assoc())

{

<tr>

<td><?php echo $rows["RollNo"];?></td>

<td><?php echo $rows["OS"];?></td>

<td><?php echo $rows["CN"];?></td>

<td><?php echo $rows["CS"];?></td>

<td><?php echo $rows["AI"];?></td>

<td><?php echo $rows["CGPA"];?></td>

</tr>

}

## Outputs:



