



WEB-BASED INTERFACE DESIGN

(CSF3133)

Lab Report 5

Name : Siti Zulaikha Binti Shamsuri

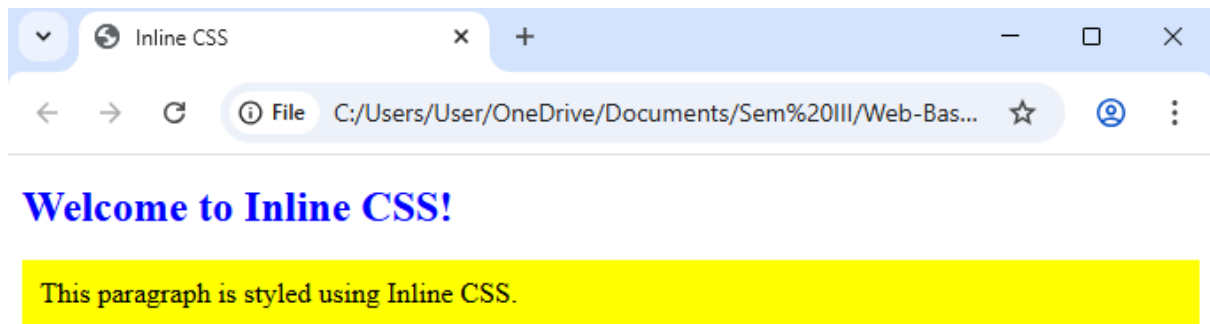
Matric : S75309

Date : 19/11/2025

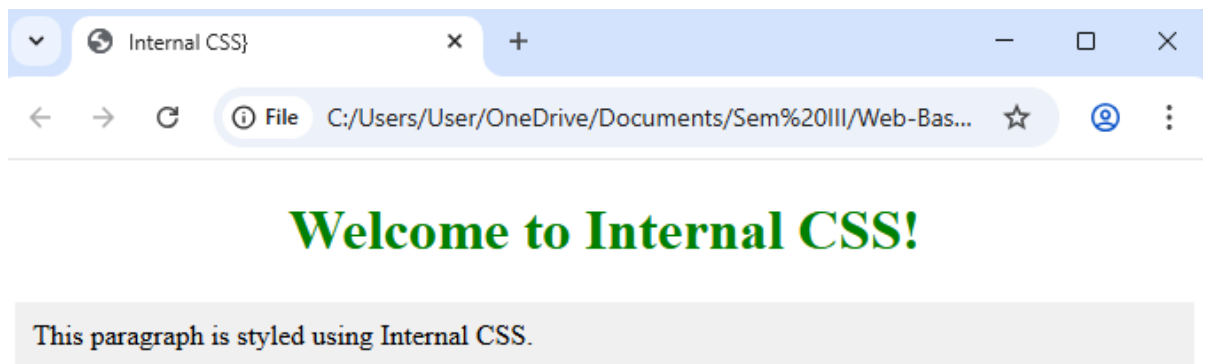
Group : K4

Programme : Computer Science (Software Engineering)

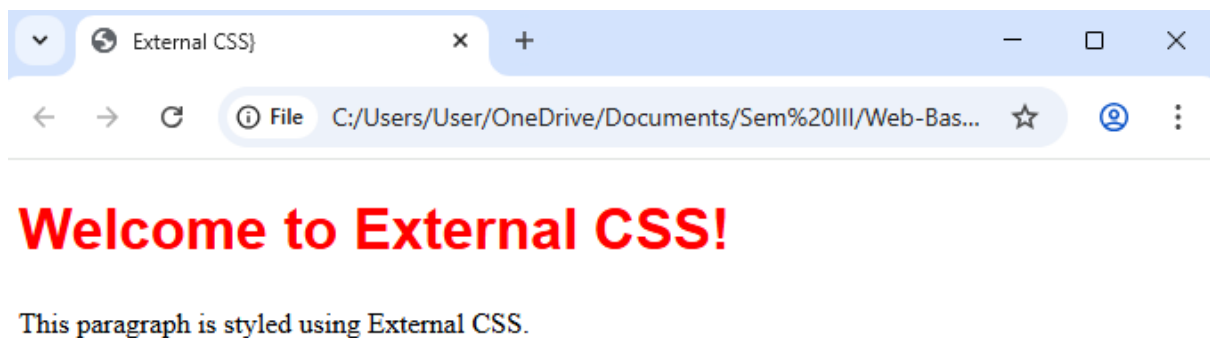
5.3 Inline CSS



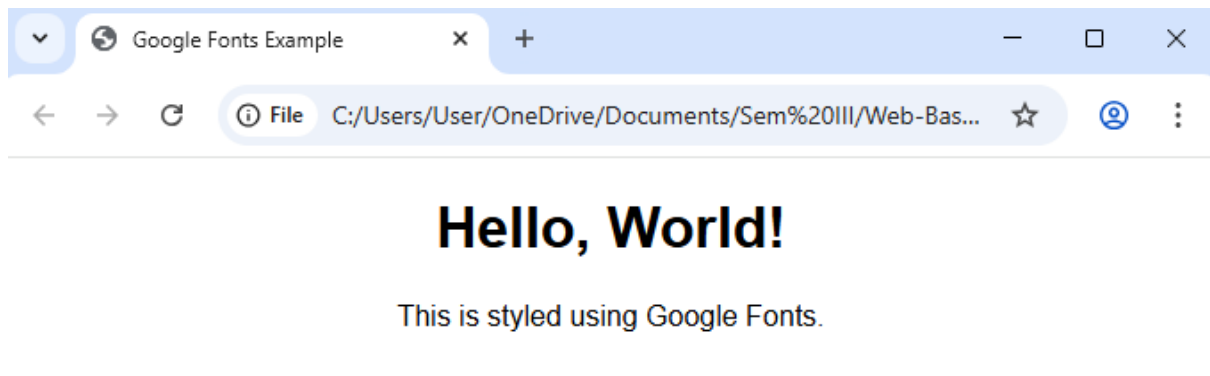
5.4 Internal CSS



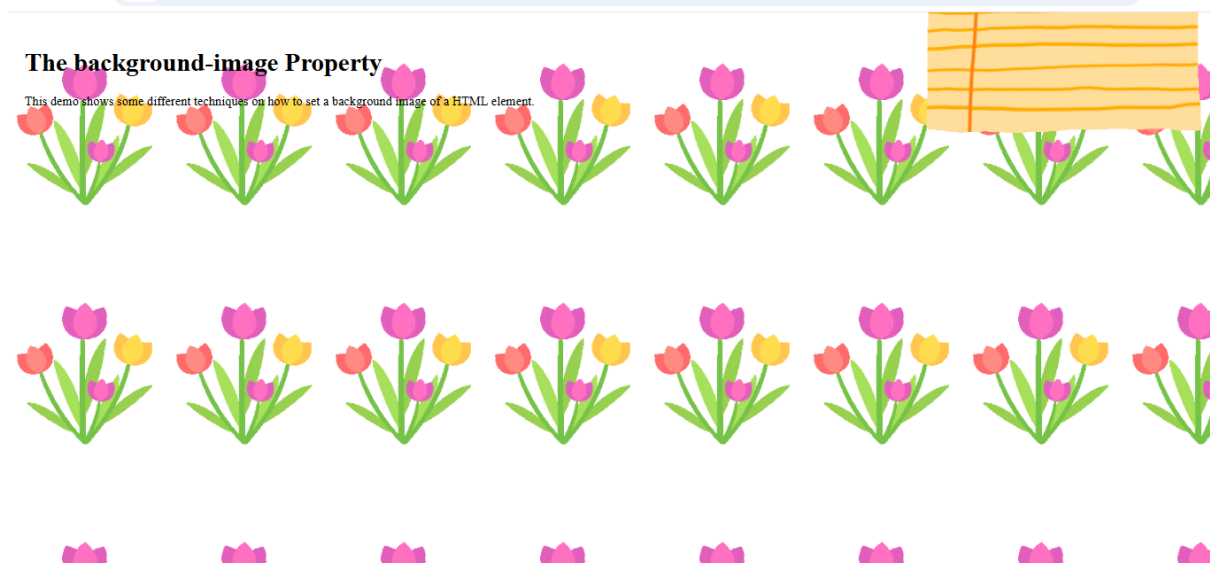
5.5 External CSS



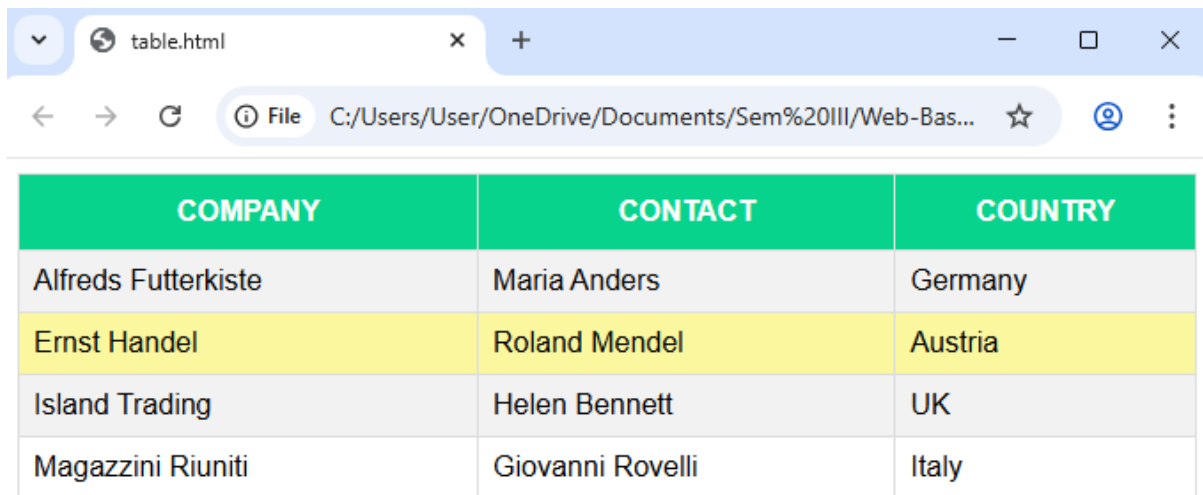
5.6 Link to file CSS (from another website)



5.7 CSS Backgrounds



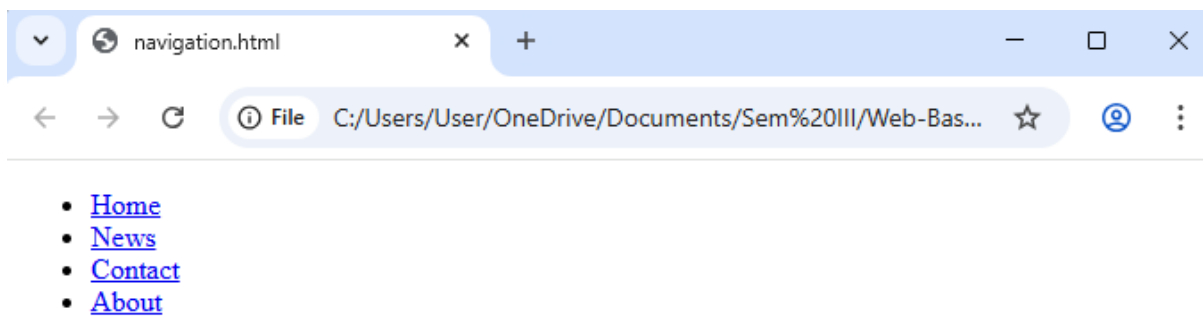
5.8 CSS Table



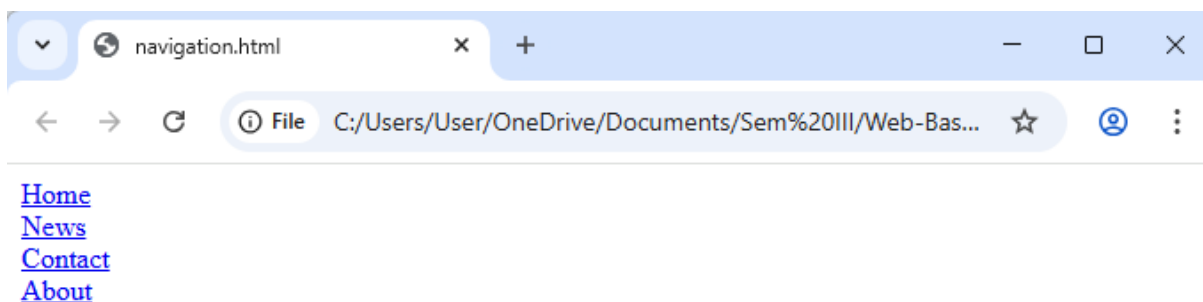
COMPANY	CONTACT	COUNTRY
Alfreds Futterkiste	Maria Anders	Germany
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Magazzini Riuniti	Giovanni Rovelli	Italy

5.9 CSS Navigation Bar

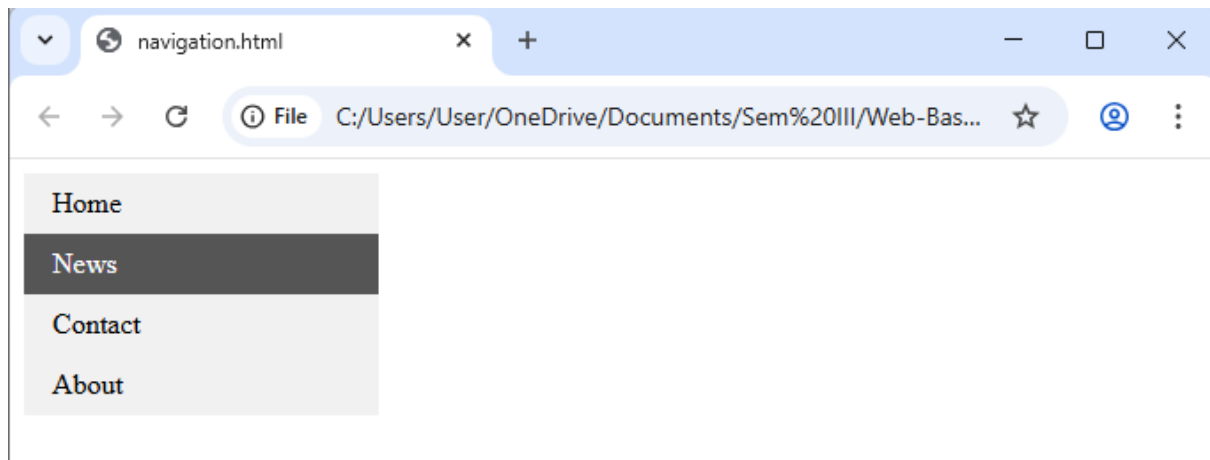
2.



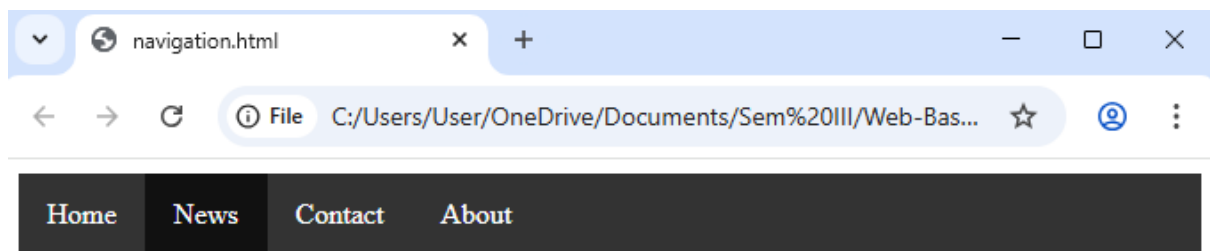
4.



6.



8.



5.10 Lab Exercise 5

HTML Code :

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <title>Universiti Malaysia Terengganu</title>
6  |   <link rel="stylesheet" href="umt.css">
7  </head>
8  <body>
9  |
10 |   <header>
11 |   |   <h1>Universiti Malaysia Terengganu</h1>
12 |   |   <nav> <!-- Navigation -->
13 |   |   |   <ul>
14 |   |   |   |   <li><a href="#home">Home</a></li>
15 |   |   |   |   <li><a href="#history">History</a></li>
16 |   |   |   |   <li><a href="#about">About</a></li>
17 |   |   |   |   <li><a href="#contact">Contact</a></li>
18 |   |   |   </ul>
19 |   |   </nav>
20 |   </header>
21 |
22 |   <main>
23 |   |   <section id="history">
24 |   |   |   <div class="content-container">
25 |   |   |   |   <!-- Left side: Intro + History stacked -->
```

```

26 <div class="text-block">
27   <article>
28     <h2>Introduction</h2>
29     <p>The Universiti Malaysia Terengganu (University of Malaysia, Terengganu) or UMT,
30     formerly known as Kolej Universiti Sains dan Teknologi Malaysia
31     (Malaysian University College of Science and Technology) or KUSTEM, is
32     a university in Kuala Nerus District, Terengganu, Malaysia. It was
33     officially chartered on 1 February 2007.</p>
34   </article>
35
36   <article>
37     <h2>History</h2>
38     <p>Universiti Malaysia Terengganu began as Universiti Pertanian Malaysia's Centre
39     for Fisheries and Marine Science, located at Mengabang Telipot, Kuala Terengganu.
40     It provided facilities for both students and lecturers from the Fisheries and Marine Science
41     programmes to conduct their practical sessions and also researches.</p>
42     <p>Eventually, the Faculty of Fisheries and Marine Science of Universiti
43     Pertanian Malaysia (UPM) in Serdang was transferred to Kuala Terengganu, and the Centre
44     transformed into a branch campus, being renamed Universiti Pertanian Malaysia Terengganu
45     (UPMT) in June 1996. The name of the faculty was also changed to the
46
47     Faculty of Applied Sciences and Technology. Also formed were the Faculty of Science
48     and Professional Literature and the Matriculation Centre.</p>
49     <p>Later on, the Cabinet of Malaysia had approved the establishment of Terengganu University
50     College (KUT) on 5 May 1999 as an associate campus of UPM.
51     Then Terengganu Universiti College was given autonomy on 1 May 2001 and was renamed
52     Kolej Universiti Sains dan Teknologi Malaysia (KUSTEM) on 20 June 2001.</p>
53     <p>On 1 February 2007, KUSTEM was given the status of a full-fledged university, and
54     with that elevation, it was renamed again and remain to this very day as
55     Universiti Malaysia Terengganu. At the same time, KUSTEM's emblem was rehased as
56     the University's emblem.</p>
57     <p>In 2015, the university is granted autonomy status.</p>
58   </article>
59 </div>
60 <!-- Right side: Image -->
61 <div class="image-right">
62   
64 </div>
65 </section> <!-- Table Courses -->

```

```

66     <section id="courses">
67         <h2>Courses Offered</h2>
68         <table id="courses-table">
69             <tr>
70                 <th>Faculty</th>
71                 <th>Program</th>
72                 <th>Level</th>
73             </tr>
74             <tr>
75                 <td>Science and Marine Environment</td>
76                 <td>Marine Biology</td>
77                 <td>Undergraduate</td>
78             </tr>
79             <tr>
80                 <td>Business and Economics</td>
81                 <td>Accounting</td>
82                 <td>Undergraduate</td>
83             </tr>
84             <tr>
85                 <td>Fisheries and Food Science</td>
86                 <td>Aquaculture Technology</td>

```

```

87                 <td>Postgraduate</td>
88             </tr>
89         </table>
90     </section>
91
92     <section id="about"> <!-- About -->
93         <h2>About</h2>
94         <article>
95             <ul>
96                 <li><h3>UMT's Philosophy</h3></li>
97                 <p>The integration of knowledge and practice based on the faith in Allah is fundamental
98                     to the university's endeavour in preparing competent human capital for global prosperity.</p>
99                 <li><h3>Vision</h3></li>
100                <p>A marine-focused university, reputed nationally and respected globally.</p>
101                <li><h3>Mission</h3></li>
102                <p>Generating knowledge for the prosperity of the community and world sustainability.</p>
103                <li><h3>Educational Goals</h3></li>
104                <p>Producing competent graduates who possess the value of ihsan for society's well-being
105                    and environmental sustainability.</p>
106                <li><h3>Slogan</h3></li>

```

```

107                <p>Ocean of Discoveries, for Global Sustainability.</p>
108                <li><h3>Niche Area</h3></li>
109                <p>Marine Science and Aquatic Resources.</p>
110            </ul>
111        </article>
112    </section>
113
114 </main>
115
116 <footer id="contact"> <!-- Contact -->
117     <p>This page is created for educational purposes only.</p>
118     <p>Contact: info@umt.edu.my</p>
119     <p>Copyright &copy; 2025 Universiti Malaysia Terengganu </p> <!-- Copyright -->
120 </footer>
121
122 </body>
123 </html>
124

```


CSS Code :

```
1  body {
2      font-family: 'Google Fonts', sans-serif;
3      margin: 0;
4      background-color: #f9f9f9;
5      color: #333;
6  }
7
8  /* Header styling */
9  header {
10     color: white;
11     text-align: center;
12     font-size: 30px;
13     padding: 250px;
14 }
15
16
17 /* Background image */
18 header {
19     position: relative; /* allows overlay positioning */
20     background-image: url("UMTbackground.jpg");
21     background-position: center;
22     background-repeat: no-repeat;
23     background-size: cover;
24     padding: 250px;
25     text-align: center;
26
27     color: black;
28 }
29
30 /* Transparent overlay on top of background image */
31 header::before {
32     content: "";
33     position: absolute;
34     top: 0; left: 0; right: 0; bottom: 0;
35     background-color: rgba(255, 255, 255, 0.5); /* white with 50% transparency */
36     z-index: 0; /* sits behind text */
37 }
38
39 /* Ensure text and nav stay above overlay */
40 header h1 {
41     position: relative;
42     z-index: 1;
43 }
44 header nav {
45     position: bottom;
46     z-index: 1;
47 }
48
49 /* Navigation bar */
50 nav {
```

```

50     position: absolute;           /* position relative to header */
51     bottom: 0px;                 /* stick to bottom of header */
52     left: 50%;                  /* start at horizontal center */
53     transform: translateX(-50%); /* shift back by half width to center */
54     width: auto;
55 }
56
57 nav ul {
58     list-style-type: none;
59     margin: 0;
60     padding: 0;
61     background-color: #000080;
62     text-align: center;          /* centers inline-block items */
63 }
64
65 nav li {
66     display: inline-block;       /* replaces float */
67 }
68
69 nav li a {
70     display: block;
71     color: #000000;
72     padding: 14px 16px;
73     text-decoration: none;

```

```

74 }
75
76 nav li a:hover {
77     background-color: #000080;
78 }
79
80
81 /* Main content */
82 .content-container {
83     display: flex;
84     justify-content: space-between;
85     align-items: flex-start;
86     margin-bottom: 30px;
87 }
88
89 .text-block {
90     flex: 1;
91     margin-right: 50px;
92 }
93
94 .text-block article {
95     margin-bottom: 20px;
96 }
97

```

```

98  .image-right {
99      flex: 1;
100     display: flex;
101     justify-content: center;
102     align-items: flex-start;
103 }
104
105 .image-right img {
106     max-width: 600px;
107     height: auto;
108 }
109
110 main {
111     padding: 20px;
112 }
113
114 /* Section headings */
115 h2 {
116     color: #5a2580;
117     transition: color 0.3s ease;
118 }
119
120 h2:hover {
121     color: #3b1456;
122 }
```

```


123
124 h3 {
125     color: #0b172f;
126 }
127
128 /* Table styling */
129 #courses-table {
130     width: 100%;
131     border-collapse: collapse;
132     margin-top: 20px;
133 }
134
135 #courses-table th, #courses-table td {
136     border: 1px solid #0b0505;
137     padding: 10px;
138     text-align: left;
139     transition: background-color 0.3s ease;
140 }
141
142 #courses-table tr:nth-child(even) {
143     background-color: #f2f2f2;
144 }
145
146 #courses-table tr:hover {
147     background-color: #b5e8ee;
```

```
148 }
149
150 /* Footer styling */
151 footer {
152   background-color: #eeeeee;
153   text-align: center;
154   padding: 15px;
155   margin-top: 40px;
156   font-size: 0.9em;
157   animation: fadeIn 1s ease-in;
158 }
159
160 /* Simple fade-in animation */
161 @keyframes fadeIn {
162   from { opacity: 0; }
163   to { opacity: 1; }
164 }
165
```

Output :

Universiti Malaysia Terengganu

C:/Users/User/OneDrive/Documents/Sem%20III/Web-Based%20Interface%20Design/Lab%20Module%205/umt.html#history



Universiti Malaysia Terengganu

[Home](#)[History](#)[About](#)[Contact](#)

Introduction

The Universiti Malaysia Terengganu (University of Malaysia, Terengganu) or UMT, formerly known as Kolej Universiti Sains dan Teknologi Malaysia (Malaysian University College of Science and Technology) or KUSTEM, is a university in Kuala Nerus District, Terengganu, Malaysia. It was officially chartered on 1 February 2007.

History

Universiti Malaysia Terengganu began as Universiti Pertanian Malaysia's Centre for Fisheries and Marine Science, located at Mengabang Telipot, Kuala Terengganu. It provided facilities for both students and lecturers from the Fisheries and Marine Science programmes to conduct their practical sessions and also researches.

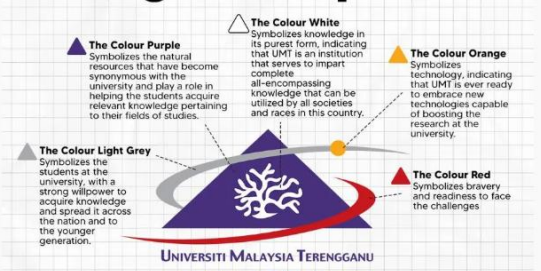
Eventually, the Faculty of Fisheries and Marine Science of Universiti Pertanian Malaysia (UPM) in Serdang was transferred to Kuala Terengganu, and the Centre transformed into a branch campus, being renamed Universiti Pertanian Malaysia Terengganu (UPMT) in June 1996. The name of the faculty was also changed to the Faculty of Applied Sciences and Technology. Also formed were the Faculty of Science and Professional Literature and the Matriculation Centre.

Later on, the Cabinet of Malaysia had approved the establishment of Terengganu University College (KUT) on 5 May 1999 as an associate campus of UPM. Then Terengganu Universiti College was given autonomy on 1 May 2001 and was renamed Kolej Universiti Sains dan Teknologi Malaysia (KUSTEM) on 20 June 2001.

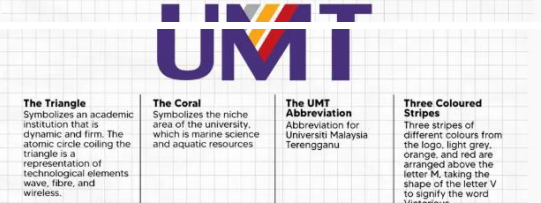
On 1 February 2007, KUSTEM was given the status of a full-fledged university, and with that elevation, it was renamed again and remain to this very day as Universiti Malaysia Terengganu. At the same time, KUSTEM's emblem was reshaped as the University's emblem.

In 2015, the university is granted autonomy status.


Logo Description



- The Colour Purple**
Symbolizes the natural resources that have become synonymous with the university and play a role in helping the students acquire relevant knowledge pertaining to their fields of studies.
- The Colour White**
Symbolizes knowledge in its purest form, indicating that UMT is an institution that serves to impart complete all-encompassing knowledge that can be utilized by all societies and races in this country.
- The Colour Orange**
Symbolizes technology, indicating that UMT is ever ready to embrace new technologies capable of boosting the research at the university.
- The Colour Light Grey**
Symbolizes the students at the university, with a strong willpower to acquire knowledge and spread it across the nation and to the younger generation.
- The Colour Red**
Symbolizes bravery and readiness to face the challenges.



- The Triangle**
Symbolizes an academic institution that is dynamic and firm. The atomic circle coiling the triangle is a representation of technological elements wave, fibre, and wireless.
- The Coral**
Symbolizes the niche area of the university, which is marine science and aquatic resources.
- The UMT Abbreviation**
Abbreviation for Universiti Malaysia Terengganu.
- Three Coloured Stripes**
Three stripes of different colours from the logo, light grey, orange, and red are arranged above the letter M, taking the shape of the letter V to signify the word Victorious.



Terenggan Darul Iktan, Bumi Kelantanlah Sejahtera 1 Degree of Discoveries for Global Sustainability

Courses Offered

Faculty	Program	Level
Science and Marine Environment	Marine Biology	Undergraduate
Business and Economics	Accounting	Undergraduate
Fisheries and Food Science	Aquaculture Technology	Postgraduate

About

- **UMT's Philosophy**

The integration of knowledge and practice based on the faith in Allah is fundamental to the university's endeavour in preparing competent human capital for global prosperity.

- **Vision**

A marine-focused university, reputed nationally and respected globally.

- **Mission**

Generating knowledge for the prosperity of the community and world sustainability.

- **Educational Goals**

Producing competent graduates who possess the value of ihsan for society's well-being and environmental sustainability.

- **Slogan**

Ocean of Discoveries, for Global Sustainability.

- **Niche Area**

Marine Science and Aquatic Resources.

This page is created for educational purposes only.

Contact: info@umt.edu.my

Copyright © 2025 Universiti Malaysia Terengganu