## ASSESSMENT POLICY

**BCA/Integrated MCA (2\textsuperscript{nd} Semester)**

030010216/060060214: CC6 Advanced Web Design

<table>
<thead>
<tr>
<th>Assessment Code</th>
<th>Assessment Type</th>
<th>Duration of each</th>
<th>Occurrence</th>
<th>Each of marks</th>
<th>Weightage in CIE of 40 marks</th>
<th>Remarks*</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Quiz</td>
<td>55 mins.</td>
<td>1</td>
<td>20</td>
<td>5 x 1 = 5</td>
<td>Covers units-1,2,1,2,2</td>
</tr>
</tbody>
</table>
| A2              | Unit Test               | 1.5 hrs.         | 2          | 30            | 6 x 2 = 12                  | Unit Test-1 covers units- 1, 2, 3  
|                 |                         |                  |            |               |                              | Unit test-2 covers units 1,2,3,4 and 5 |
| A3              | Internal Examination    | 3 hrs.           | 1          | 60            | 16 x 1 = 16                 | Covers all Units |
| A4              | Assignment              |                  | 1          | 40            | 7 x 1 = 7                   | Covers all Units |

### Practical

<table>
<thead>
<tr>
<th>Assessment Code</th>
<th>Assessment Type</th>
<th>Duration of each (Minutes)</th>
<th>Occurrence</th>
<th>Each of marks</th>
<th>Weightage in CIE of 50 marks</th>
<th>Remarks*</th>
</tr>
</thead>
</table>
| A5              | Unit Test (Practical)                    | 120 mins                    | 2          | 20            | 6 x2=12                      | Unit Test-1 covers units- 1, 2, 3  
|                 |                                          |                             |            |               |                              | Unit test-2 covers units 1,2,3,4 and 5 |
| A6              | Section Test including viva (Practical)  | 120 mins                    | 1          | 30            | 18 x1=18                    | Covers all Units |
| A7              | Semester End Exam (Practical)            | 120 mins                    | 1          | 30            | 30 x1=30                    | Covers all Units |
| A8              | Journal/Viva (Practical)                 | -                           | -          | -             | 15 x1=15                    | Covers all Units |
Assessment Type Classification:

<table>
<thead>
<tr>
<th>Assessment Code</th>
<th>Weightage of Content</th>
<th>Unit (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td></td>
<td>1  70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2  30</td>
</tr>
</tbody>
</table>

Assessment Type: Quiz  
Tentative Date: 06-02-2019

Kind of Question Format:
Q-1: 10 MCQ type questions of 1 Marks. All questions shall be of understanding type to test knowledge.
Q-2: 05 short answer type questions of 2 marks. All questions shall be of understanding type to test knowledge.
Total Mark=Q-1+Q-2=10+10 = 20 marks

To measure: Knowledge

Course Outcome:
CO1: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.
CO2: Create well formed semi-structured documents and apply validation using schema components.

Programme Outcome:
P01: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.
P02: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.
P04: Recognition of the need for and an ability towards life-long learning.
P05: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.
P06: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.

Assessment Code: A2  
Weightage of Content:  
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<th>Unit (%)</th>
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<tbody>
<tr>
<td>1  30</td>
</tr>
<tr>
<td>2  30</td>
</tr>
<tr>
<td>3  40</td>
</tr>
</tbody>
</table>

Assessment Type: Unit Test 1  
Tentative Date: 20-02-2019

Kind of Question Format:
Q-1: (A) Short answer questions of 1 mark. Questions shall be of understanding type nature to test knowledge.
(B) Answer to the questions in brief. Each question consists of 2 marks. Students have to attempt three questions out of four. Questions shall be of understanding type nature to test knowledge with two or five lines of answer.
Q-2: (A) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.
(B) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.
Q-3: Answer to the questions in detail. Each question consists of 5 marks.
Students have to attempt any two questions out of three questions. All the three questions shall be of remembering type in nature to test the student’s conceptual clarity.
To measure: Knowledge

Course Outcome:
- CO1: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.
- CO2: Create well formed semi-structured documents and apply validation using schema components.
- CO3: Use dynamic web page development technique to enhance web design.

Programme Outcome:
- PO1: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.
- PO2: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.
- PO4: Recognition of the need for and an ability towards life-long learning.
- PO5: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.
- PO6: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.

Assessment Code: A2

<table>
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<th>Tentative Date: 20-03-2019</th>
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<tbody>
<tr>
<td>Weightage of Content:</td>
<td>Unit</td>
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<tr>
<td>1 and 2</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>4</td>
<td>30</td>
</tr>
<tr>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Kind of Question Format:
- Q-1: (A) Short answer questions of 1 mark. Questions shall be of understanding type nature to test knowledge with one word or a line of answer.
  (B) Answer to the questions in brief. Each question consists of 2 marks. Students have to attempt three questions out of four. Questions shall be of understanding type nature to test knowledge with two or five lines of answer.
- Q-2: (A) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.
  (B) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.
- Q-3: Answer to the questions in detail. Each question consists of 5 marks. Students have to attempt any two questions out of three questions. All the three questions shall be of remembering type in nature to test the student’s conceptual clarity.

Total Mark=Q-1+Q-2+Q-3=10+10+10 = 30 marks

To measure: Knowledge
| **Course Outcome** | CO1: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.  
CO2: Create well formed semi-structured documents and apply validation using schema components.  
CO3: Use dynamic web page development technique to enhance web design.  
CO4: Apply responsive user interface designing concepts to develop using front-end framework. |
| **Programme Outcome** | PO1: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.  
PO2: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.  
PO3: Understanding of professional and ethical role and responsibility.  
PO4: Recognition of the need for and an ability towards life-long learning.  
PO5: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.  
PO6: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.  
PO7: An ability to communicate effectively with a range of audiences. |

| **Assessment Code** | A3 | **Weightage of Content** | All Units cover as per syllabus weightage |
| **Assessment Type** | Internal | **Tentative Date** | 17-04-2019 |

**Kind of Question Format:**

Section-1

Q-1: (A) Short answer questions of 1 mark. Questions shall be of understanding type nature to test knowledge with one word or a line of answer. Attend all three questions are mandatory.

(B) Answer to the questions in brief. Each question consists of 2 marks. Students have to attempt two questions out of three. Questions shall be of understanding type nature to test knowledge with two or five lines of answer.

Q-2: (A) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.

(B) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.

Q-3: Answer to the questions in detail. Each question consists of 5 marks. Students have to attempt any two questions out of three questions. All the three questions shall be of remembering type in nature to test the student’s conceptual clarity.

Section-2

Q-4: (A) Short answer questions of 1 mark. Questions shall be of understanding type to test knowledge and with one word or a line of answer. Attend all four questions are mandatory.

(B) Answer to the questions in brief. Each question consists of 2 marks. Students have to attempt two questions out of three. Questions shall be of understanding type to test knowledge with two or five lines of answer.

Q-5: (A) Answer to the questions in detail based on situation given in the
questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.

(B) Answer to the questions in detail based on situation given in the questions. Each question consists of 5 marks. Students have to attempt any one question out of two questions. Both the questions shall be of analysis type to test the student’s analytical skill.

Q-6: Answer to the questions in detail. Each question consists of 5 marks. Students have to attempt any two questions out of three questions. All the three questions shall be of remembering type in nature to test the student's conceptual clarity.

Total Marks=Q-1+Q-2+Q-3+Q-4+Q-5+Q-6=10+10+10+10+10+10 = 60 Marks

To measure:
Knowledge

Course Outcome:
CO1: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.
CO2: Create well formed semi-structured documents and apply validation using schema components.
CO3: Use dynamic web page development technique to enhance web design.
CO4: Apply responsive user interface designing concepts to develop using front-end framework.

Programme Outcome:
P01: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.
P02: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.
P03: Understanding of professional and ethical role and responsibility.
P04: Recognition of the need for and an ability towards life-long learning.
P05: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.
P06: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.
P07: An ability to communicate effectively with a range of audiences.

Assessment Code: A4

Weightage of Content:

<table>
<thead>
<tr>
<th>Unit</th>
<th>(%)</th>
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<tbody>
<tr>
<td>1</td>
<td>18</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>4</td>
<td>16</td>
</tr>
<tr>
<td>5</td>
<td>17</td>
</tr>
<tr>
<td>6</td>
<td>17</td>
</tr>
</tbody>
</table>

Assessment Type: Assignment & Viva

Tentative Date:
Assignment 1: 09-02-2019
Assignment 2: 28-03-2019

Kind of Question Format:
Q-1. Long Answer Questions
Total 12 questions: Answer to the questions in detail. Each question consists of 5 marks. Students have to write two questions that asked from each unit. All questions shall be of remembering type in nature to test the student’s conceptual clarity and enhance the writing skill.

Students have to submit assignment,
After completion of unit 3
After completion of unit 6

Remark:
Assignment will be evaluated two times:
After completion of unit 3
### Course Outcome:

<table>
<thead>
<tr>
<th>Course Outcome</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO1</td>
<td>Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.</td>
</tr>
<tr>
<td>CO2</td>
<td>Create well formed semi-structured documents and apply validation using schema components.</td>
</tr>
<tr>
<td>CO3</td>
<td>Use dynamic web page development technique to enhance web design.</td>
</tr>
<tr>
<td>CO4</td>
<td>Apply responsive user interface designing concepts to develop using front-end framework.</td>
</tr>
</tbody>
</table>

### Programme Outcome:

<table>
<thead>
<tr>
<th>Programme Outcome</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO1</td>
<td>Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.</td>
</tr>
<tr>
<td>PO2</td>
<td>Ability to design, develop, test and maintain system, component, product or process as per needs and specification.</td>
</tr>
<tr>
<td>PO3</td>
<td>Understanding of professional and ethical role and responsibility.</td>
</tr>
<tr>
<td>PO4</td>
<td>Recognition of the need for and an ability towards life-long learning.</td>
</tr>
<tr>
<td>PO5</td>
<td>Knowledge of programming languages, database systems, operating systems, software engineering, Web &amp; Mobile technology and relevant modern issues along with strong project development skill.</td>
</tr>
<tr>
<td>PO6</td>
<td>Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.</td>
</tr>
<tr>
<td>PO7</td>
<td>An ability to communicate effectively with a range of audiences.</td>
</tr>
</tbody>
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### Assessment:

- **Assessment:** Formative
- **To measure:** Knowledge and Analysis

#### Composition of CIE for practical:

<table>
<thead>
<tr>
<th>Assessment Code</th>
<th>Weightage of Content</th>
<th>Assessment Type</th>
<th>Minimum number of practical to be certified as eligibility to appear</th>
<th>Tentative Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>A5</td>
<td></td>
<td>Unit Test 1</td>
<td>3</td>
<td>20-02-2019</td>
</tr>
</tbody>
</table>

**Kind of Question Format:**

- **Q-1** Proposed solution based question of 5 marks. Questions shall be of understanding type.
- **Q-2** Practical based question of 15 marks. Questions shall be of analysis type.

**Total Mark = Q-1 + Q-2 = 05 + 10 = 15 marks**
product or process as per needs and specification.

P03: Understanding of professional and ethical role and responsibility.

P04: Recognition of the need for and an ability towards life-long learning.

P05: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.

P06: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.

P07: An ability to communicate effectively with a range of audiences.

Assessment Code : A5

Weightage of Content :

<table>
<thead>
<tr>
<th>Unit</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 and 2</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>4</td>
<td>30</td>
</tr>
<tr>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Assessment Type : Unit Test 2

Minimum number of practical to be certified as eligibility to appear: 7

Tentative Date : 20-03-2019

Kind of Question Format:

Q-1 Proposed solution based question of 5 marks. Questions shall be of understanding type.
Q-2 Practical based question of 15 marks. Questions shall be of analysis type.
Total Mark = Q-1 + Q-2 = 05 + 10 = 15 marks

Assessment : Formative

To measure : Knowledge

Outcome :

CO1: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.
CO2: Create well formed semi-structured documents and apply validation using schema components.
CO3: Use dynamic web page development technique to enhance web design.
CO4: Apply responsive user interface designing concepts to develop using front-end framework.

Programme Outcome :

P01: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.
P02: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.
P03: Understanding of professional and ethical role and responsibility.
P04: Recognition of the need for and an ability towards life-long learning.
P05: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.
P06: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.
P07: An ability to communicate effectively with a range of audiences.

Assessment Code : A6

Weightage of Content :

<table>
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<th>Unit</th>
<th>(%)</th>
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<tbody>
<tr>
<td>1 to 6</td>
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Assessment Type: Section Test including viva  
Minimum number of practical to be certified as eligibility to appear: 13  
Tentative Date: 05-04-2019

| Kind of Question Format: | Q-1 Proposed solution based question of 5 marks. Questions shall be of understanding type.  
Q-2 Practical based question of 20 marks. Questions shall be of analysis type.  
Q-3 Viva based question of 5 marks. Questions shall be of remembering type.  
Total Mark=Q-1+Q-2+Q-3=05+20+05 = 30 marks |

Assessment Type: Formative  
To measure: Knowledge  

Outcome:  
C01: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.  
C02: Create well formed semi-structured documents and apply validation using schema components.  
C03: Use dynamic web page development technique to enhance web design.  
C04: Apply responsive user interface designing concepts to develop using front-end framework.  

Programme Outcome:  
P01: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.  
P02: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.  
P03: Understanding of professional and ethical role and responsibility.  
P04: Recognition of the need for and an ability towards life-long learning.  
P05: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.  
P06: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.  
P07: An ability to communicate effectively with a range of audiences.

Assessment Type: Semester End Examination(Practical)  
Minimum number of practical to be certified as eligibility to appear: 14  
Tentative Date: 23-04-2019

| Assessment Code: | A7  
| Weightage of Content: | Unit (\%)  
| 1 to 6 | 100% |

| Kind of Question Format: | Q-1 Proposed solution based question of 5 marks. Questions shall be of understanding type.  
Q-2 Practical based question of 20 marks. Questions shall be of analysis type.  
Q-3 Viva based question of 5 marks. Questions shall be of remembering type.  
Total Mark=Q-1+Q-2+Q-3=05+20+05 = 30 marks |

Assessment: Formative  
To measure: Knowledge
### Outcome:
- **CO1**: Use of modern scripting language library to manipulate HTML elements, CSS properties, showing effects and handle events.
- **CO2**: Create well formed semi-structured documents and apply validation using schema components.
- **CO3**: Use dynamic web page development technique to enhance web design.
- **CO4**: Apply responsive user interface designing concepts to develop using front-end framework.

### Programme Outcome:
- **PO1**: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.
- **PO2**: Ability to design, develop, test and maintain system, component, product or process as per needs and specification.
- **PO3**: Understanding of professional and ethical role and responsibility.
- **PO4**: Recognition of the need for and an ability towards life-long learning.
- **PO5**: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues along with strong project development skill.
- **PO6**: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.
- **PO7**: An ability to communicate effectively with a range of audiences.

<table>
<thead>
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<th>Assessment Code :</th>
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<tbody>
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<td>Weightage of Content :</td>
<td>Unit</td>
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<tr>
<td></td>
<td>1 to 6</td>
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<tr>
<td>Assessment Type :</td>
<td>Viva</td>
</tr>
<tr>
<td>Tentative Date</td>
<td>Third week of April</td>
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**UFM policy:**
Any ascertained fact of breaking institute policy shall be associated with one or all of the following: (i) zero marks for that CIE parameter occurrence; (ii) Restricted to appear in any further academic assessments of that same course (iii) report to the Programme Co-ordinator; (iii) report to the Director.