B.C.A (4th Semester)

030010410: CC11 Open Source Web based Programming

Assessment Policy

Assessment:

The weightage of CIE and University examination shall be as per the University regulations.

- Composition of CIE shall be (For Theory)

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 Marks	Remarks
A1	Quiz	1 hour	1	20	4 x 1 = 4	Shall be taken at the end of 1st Unit and 2ndUnit (2.1, 2.2)
A2	Open Book	1 hour	1	20	4 x 1 = 4	Shall be taken at the end of 3rd and 4th Unit.
A3	Unit Test	1.5 hours	2	30	6 x 2 = 12	Shall be taken at the end of 1st, 2nd and 4th Unit Shall be taken at the end of 3rd, 5thand 6thUnit
A4	Internal Examination	3 hours	1	60	15 x 1 = 15	Covers all Units
A5	Mini Web Application	2.5 months	1	30	5 x 1 = 5	Covers all Units

The weightage of CIE and University examination shall be as per the University regulations.

- Composition of CIE shall be (For Practical)

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 75 Marks	Remarks
A6	Unit Test	2 hours	2	20	6 x 2 = 12	Shall be taken at the end of 1st, 2nd and 4th Unit Shall be taken at the end of 3rd , 5thand 6thUnit
A7	Section Test	3 hours	1	30	18 x 1 = 18	Shall be taken at the end of All units
A8	Semester End exam	3 hours	1	30	30 x 1= 30	Shall be taken at the end of All units
A9	Journal/Viva	-	1	240	15 x 1 = 15	-

Assessment Type Classification:

Assessment Code :	A1	**Weightage of Content :**	**Unit** | **(%)** 1 | 80 2 | 20
Assessment Type :	Quiz	**Tentative Date :**	27/12/2017
Kind of Question Format:	Q-1: Choose most appropriate answer from the options for questions (1 X 10 =10 Marks) Q-2: Do as directed. (2X 5 = 10 Marks)		
To measure :	Knowledge		
Outcome :	CO2: Validate data and manage state of web pages.		

Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO5: Recognition of the need for life-long learning.

Assessment Code :	A2	**Weightage of Content :**	**Unit** / **(%)** 1,2 and 4 / 30 3 / 70
Assessment Type :	Open Book	**Tentative Date :**	07/02/2018
Kind of Question Format:	Q1: Analyze the given error prone code and correct it to achieve given output. (5X2 =10 Marks) Q-2: Do as directed. (2 X 5 = 10 Marks)		
To measure :	Knowledge		
Outcome :	CO2: Validate data and manage state of web pages. CO3: Create user-defined functions for data and file management.		
Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO5: Recognition of the need for life-long learning.		

Assessment Code :	A3	**Weightage of Content :**	**Unit** / **(%)** 1 / 10 2 / 40 4 / 50
Assessment Type :	Unit Test 1	**Tentative Date :**	16/01/2018
Kind of Question Format:	Q-1: (A) Short answer questions (4 out of 4) [Each of 1 mark] (B) Short answer questions(3 out of 4) [Each of 2 marks] Q-2: (A)Practical Based questions (2 out of 1)[Each of 5 marks] (B)Practical Based questions (2 out of 1)[Each of 5 marks] Q-3: Answer the question in detail(2 out of 3)[Each of 5marks]		
To measure :	Knowledge		
Outcome :	CO2: Validate data and manage state of web pages. CO3: Create user-defined functions for data and file management.		
Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO5: Recognition of the need for life-long learning.		

<table>
<tr><td>Assessment Code :</td><td>A3</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>1 to 4</td><td>25</td></tr><tr><td>5</td><td>30</td></tr><tr><td>6</td><td>45</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Unit Test 2</td><td>Tentative Date :</td><td>28/02/2018</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q-1: (A) Short answer questions (4 out of 4) [Each of 1 mark]
(B) Short answer questions(3 out of 4) [Each of 2marks]
Q-2: (A)Practical Based questions (2 out of 1)[Each of 5 marks]
(B)Practical Based questions (2 out of 1)[Each of 5 marks]
Q-3: Answer the question in detail(2 out of 3)[Each of 5 marks]</td></tr>
<tr><td>To measure :</td><td colspan="3">Knowledge</td></tr>
<tr><td>Outcome :</td><td colspan="3">CO1: Implement object oriented concepts for web based programming.
CO2: Validate data and manage state of web pages.
CO3: Create user-defined functions for data and file management.
CO4: Develop an application that interacts with database and XML files.</td></tr>
<tr><td>Programme Outcomes:</td><td colspan="3">PO1: Ability to understand the concepts of key areas in computer science.
PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society.
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<table>
<tr><td>Assessment Code :</td><td>A4</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>1</td><td>14</td></tr><tr><td>2</td><td>19</td></tr><tr><td>3</td><td>17</td></tr><tr><td>4</td><td>10</td></tr><tr><td>5</td><td>17</td></tr><tr><td>6</td><td>23</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Internal Examination</td><td>Tentative Date :</td><td>28/03/2018</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">As per External paper format.</td></tr>
<tr><td>To measure :</td><td colspan="3">Knowledge and Analysis</td></tr>
<tr><td>Outcome :</td><td colspan="3">CO1: Implement object oriented concepts for web based programming.
CO2: Validate data and manage state of web pages.
CO3: Create user-defined functions for data and file management.
CO4: Develop an application that interacts with database and XML files.</td></tr>
<tr><td>Programme Outcomes:</td><td colspan="3">PO1: Ability to understand the concepts of key areas in computer science.
PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society.
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<table>
<tr><td>Assessment Code :</td><td>A5</td><td rowspan="2">Tentative Submission Date :</td><td rowspan="2">As per the following</td></tr>
<tr><td>Assessment Type :</td><td>Mini Web Application (Presentation and Demonstration)</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">
<table>
<tr><td>Task tobeAccomplished and Marks</td></tr>
<tr><td>Submission of project definition, team members, title, features and list of pages. [Date:18-12-2017]</td></tr>
<tr><td>Submission of details related System requirements, database design and design of user interface. [Date:19-1-2018] [15 marks]</td></tr>
<tr><td>Submission ,Presentation and Demonstration of full web application [Date:27-2-2018] [15 marks]</td></tr>
</table>
Guidelines:
✓ A student team must be of 4 members.
✓ A team has to identify their project definition and take approval for their project title before the title submission.
✓ Late submission of details related to mini Web Application shall be penalized as 5% of full marks per day for maximum 3 days after submission date. If student fails to meet deadlines, he/she will receive zero marks for particular parameter
</td></tr>
<tr><td>To measure :</td><td colspan="3">Knowledge and Analysis</td></tr>
<tr><td>Outcome :</td><td colspan="3">CO1: Implement object oriented concepts for web based programming.
CO2: Validate data and manage state of web pages.
CO3: Create user-defined functions for data and file management.
CO4: Develop an application that interacts with database and XML files.</td></tr>
<tr><td>Programme Outcomes:</td><td colspan="3">PO1: Ability to understand the concepts of key areas in computer science.
PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society.
PO3: Effective communication and presentation skill.
PO4: Ability to understand professional and ethical responsibility.
PO5: Recognition of the need for life-long learning.</td></tr>
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Assessment Code :	A6	**Weightage of Content :**	**Unit** / **(%)** 1 / 10 2 / 40 4 / 50
Assessment Type :	Unit Test 1	**Minimum number of practicals to be certified as eligibility to appear: 5**	16/01/2018
Kind of Question Format:	Q1: Write a algorithm (The steps that represent the System flow) to implement problem definition given in Q2 [5 marks] Q2: Develop a web application. [12 marks] Q3: Viva [3 marks]		
To measure :	Knowledge		
Outcome :	CO2: Validate data and manage state of web pages.		
Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.		

Assessment Code :	A6	**Weightage of Content :**	**Unit** / **(%)** 1 to 4 / 25 5 / 45 6 / 30
Assessment Type :	Unit Test 2	**Minimum number of practicals to be certified as eligibility to appear:11**	28/02/2018
Kind of Question Format:	Q1: Write a algorithm (The steps that represent the System flow) to implement problem definition given in Q2 [5 marks] Q2: Develop a web application. [12 marks] Q3: Viva [3 marks]		
To measure :	Knowledge		
Outcome :	CO1: Implement object oriented concepts for web based programming. CO2: Validate data and manage state of web pages. CO3: Create user-defined functions for data and file management. CO4: Develop an application that interacts with database and XML files.		
Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.		

Assessment Code :	A7	**Weightage of Content :**	**Unit** / **(%)** 1 / 14 2 / 19 3 / 17 4 / 10 5 / 17 6 / 23
Assessment Type :	Section Test	**Minimum number of practicals to be certified as eligibility to appear: All**	15/03/2018

Kind of Question Format:	Q1: Write a algorithm (The steps that represent the System flow) to implement problem definition given in Q2 [5 marks] Q2: Develop a web application. [20 marks] Q3: Viva [5 marks]
To measure :	Knowledge
Outcome :	CO1: Implement object oriented concepts for web based programming. CO2: Validate data and manage state of web pages. CO3: Create user-defined functions for data and file management. CO4: Develop an application that interacts with database and XML files.
Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.

Assessment Code :	A8	**Weightage of Content :**	**Unit** / **(%)** 1 / 14 2 / 19 3 / 17 4 / 10 5 / 17 6 / 23
Assessment Type :	Semester End exam	**Minimum number of practicals to be certified as eligibility to appear: All**	03/04/2018
Kind of Question Format:	Q1: Write a algorithm (The steps that represent the System flow) to implement problem definition given in Q2 [5 marks] Q2: Develop a web application. [20 marks] Q3: Viva [5 marks]		
To measure :	Knowledge		
Outcome :	CO1: Implement object oriented concepts for web based programming. CO2: Validate data and manage state of web pages. CO3: Create user-defined functions for data and file management. CO4: Develop an application that interacts with database and XML files.		
Programme Outcomes:	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.		

- **UFM policy**:
  - If two or more submitted papers are too similar for coincidence, a penalty shall be imposed that shall usually be the same for the student who did the original as for the one copying from it.
  - Any ascertained fact of breaking institute policy shall be associated with one or all of the following: (i) zero marks for the work; (ii) report to the Course coordinator; (iii) report to the Director.