

**5 Years Integrated MCA (6<sup>th</sup> Semester)**

**060060608: DSE9 Introduction to Big Data  
Assessment Policy**

Assessment Code	Assessment Type	Duration of Each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Quiz	1 Hour	1	20	2X1=2	Quiz 1: After completion of Unit 1
A2	Unit Test	1.5 Hours	2	30	3X2=6	Unit Test 1: After completion of Unit 1 and 2 Unit Test 2: After completion of Unit 3,4 and 5
A3	Open Book Test	1 Hour	1	20	2X1=2	Quiz 1: After completion of Unit 2 and 3
A4	Internal Examination	2 Hours	1	60	8X1=8	Before completion of the term
A5	Self-Creation Parameter	1 Weeks	1	20	2X1=2	Before the completion of the internal exam

**Assessment Type Classification:**

<b>Assessment Code :</b>	A1	<b>Weightage of Content :</b>	<table border="1"> <thead> <tr> <th>Unit</th> <th>Weightage (%)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100</td> </tr> </tbody> </table>	Unit	Weightage (%)	1	100
Unit	Weightage (%)						
1	100						
<b>Assessment Type :</b>	Quiz 1	<b>Tentative Date :</b>	01/01/2018				
<b>Kind of Question Format:</b>	Q-1. Multiple Choice Questions (10 Marks) Q-2. Do as directed.(10 Marks)						
<b>Assessment :</b>	Formative						
<b>To measure :</b>	Knowledge and analytic skill						
<b>Outcome :</b>	CO1: Identify characteristics of Big Data and describe its ecosystem.						

<b>Assessment Code :</b>	A2	<b>Weightage of Content :</b>	<b>Unit</b>	<b>Weightage (%)</b>
			1	40%
			2	40%
			3	20%
<b>Assessment Type :</b>	Unit Test 1	<b>Tentative Date :</b>	18/01/2018	
<b>Kind of Question Format:</b>	<p><b>Q-1(A).</b>Do as Directed. [All four question are compulsory, Marks will be 4 x 1 = 4 Marks]</p> <p><b>Q-1(B).</b>Answer the following brief. [Attempt any 3 questions out of 4, Marks will be 3 x 2 = 6 Marks]</p> <p><b>Q-2.</b>Answer the following (Analysis type and application based question will be asked). [[A]Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks] [[B]Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks]</p> <p><b>Q-3</b> Answer the following in detail. [Attempt any 2 questions out of 3, Marks will be 2 x 5 = 10 Marks]</p> <p><b>Total = Q-1 + Q-2 + Q-3= 30 Marks</b></p>			
<b>Assessment :</b>	Formative			
<b>To measure :</b>	Knowledge, Application, Comprehension and Analysis			
<b>Outcome :</b>	<p>CO1: Identify characteristics of Big Data and describe its ecosystem.</p> <p>CO2: Differentiate file system types of Big Data architecture.</p> <p>CO3: Compare and contrast Big Data databases with RDBMS.</p> <p>CO4: Use Big Data based data management model.</p>			

<b>Assessment Code :</b>	A3	<b>Weightage of Content :</b>	<b>Unit</b>	<b>Weightage (%)</b>
			1	20
			2	30
			3	50
<b>Assessment Type :</b>	Open Book	<b>Tentative Date :</b>	09/02/2018	
<b>Kind of Question Format:</b>	Q1. Do as directed(4*5=20)		[Total Marks : 20]	
<b>Assessment :</b>	Formative			
<b>To measure :</b>	Knowledge, Comprehension and Analysis			
<b>Outcome :</b>	<p>CO2: Differentiate file system types of Big Data architecture.</p> <p>CO3: Compare and contrast Big Data databases with RDBMS.</p> <p>CO4: Use Big Data based data management model.</p>			

<b>Assessment Code :</b>	A2	<b>Weightage of Content :</b>	<b>Unit</b>	<b>Weightage (%)</b>
			1	10
			2	10
			3	10
			4	30
5	40			
<b>Assessment Type :</b>	Unit Test 2	<b>Tentative Date :</b>	30/02/2018	
<b>Kind of Question Format:</b>	<p><b>Q-1(A).</b> Do as Directed. [All four question are compulsory, Marks will be 4 x 1 = 4 Marks]</p> <p><b>Q-1(B).</b> Answer the following brief. [Attempt any 3 questions out of 4, Marks will be 3 x 2 = 6 Marks]</p> <p><b>Q-2.</b> Answer the following (Analysis type and application based question will be asked). [[<b>(A)</b>] Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks] [[<b>(B)</b>] Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks]</p> <p><b>Q-3</b> Answer the following in detail. [Attempt any 2 questions out of 3, Marks will be 2 x 5 = 10 Marks]</p> <p><b>Total = Q-1 + Q-2 + Q-3= 30 Marks</b></p>			
<b>Assessment :</b>	Formative			
<b>To measure :</b>	Knowledge, Application, Comprehension and Analysis			
<b>Outcome :</b>	CO2: Differentiate file system types of Big Data architecture. CO3: Compare and contrast Big Data databases with RDBMS. CO4: Use Big Data based data management model. CO5: Construct relationship of analytics in Big Data.			

<b>Assessment Code</b>	A4	<b>Weightage of Content</b>	Unit: 1 to 6
<b>Assessment Type:</b>	Self Creation Parameter	<b>Tentative Date :</b>	-
<b>Kind of Question Format:</b>	Q1. Presentation. [50*1=50]		
<b>Assessment:</b>	Formative		
<b>To measure:</b>	Knowledge and Application		
<b>Outcome:</b>	CO1: Identify characteristics of Big Data and describe its ecosystem. CO2: Differentiate file system types of Big Data architecture. CO3: Compare and contrast Big Data databases with RDBMS. CO4: Use Big Data based data management model. CO5: Construct relationship of analytics in Big Data. CO6: Describe the use of Big Data in social and business application.		
<b>Rules:</b>	<ul style="list-style-type: none"> <li>• Each student has to give fifteen minutes presentation on any topic related to Big Data during the session.</li> <li>• The evaluation shall be based on content covered and presentation skill.</li> <li>• Students can also give the live demo of Big Data using any other No-SQL databases.</li> <li>• Group shall be formed by subject teacher according to Enrollment number( Maximum 3 students in one group)</li> <li>• Topics of presentation shall be given by course teacher by 3rd week of July.</li> <li>• Evaluation will start after completion of Unit 2.</li> <li>• Parameters for evaluation will be as follows: Total marks: 30                         <ul style="list-style-type: none"> <li>○ Concept clarity: 10</li> </ul> </li> </ul>		

	<ul style="list-style-type: none"> <li>○ Presentation : 10</li> <li>○ Viva : 10</li> </ul>		
<b>Assessment Code</b>	A5	<b>Weightage of Content</b>	Unit: 1 to 6
<b>Assessment Type:</b>	Internal	<b>Tentative Date:</b>	30/03/2018
<b>Kind of Question Format:</b>	<p><b>Paper contains two sections. First section is from unit 1, 2, 3 and second section is from unit 4, 5, 6.</b></p> <p><b>Section :1</b></p> <p><b>Q-1(A).</b>Do as Directed. [All four question are compulsory, Marks will be 4 x 1 = 4 Marks]</p> <p><b>Q-1(B).</b>Answer the following brief. [Attempt any 3 questions out of 4, Marks will be 3 x 2 = 6 Marks]</p> <p><b>Q-2.</b>Answer the following. (Analysis type and application based question will be asked). [(A)Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks] [(B)Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks]</p> <p><b>Q-3</b> Answer the following in detail. [Attempt any 2 questions out of 3, Marks will be 2 x 5 = 10 Marks]</p> <p><b>Section:2</b></p> <p><b>Q-4(A).</b>Do as Directed. [All four question are compulsory, Marks will be 4 x 1 = 4 Marks]</p> <p><b>Q-4(B).</b>Answer the following brief. [Attempt any 3 questions out of 4, Marks will be 3 x 2 = 6 Marks]</p> <p><b>Q-5.</b>Answer the following. (Analysis type and application based question will be asked). [(A)Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks] [(B)Attempt any 1 questions out of 2, Marks will be 1 x 5 = 5 Marks]</p> <p><b>Q-6</b> Answer the following in detail. [Attempt any 2 questions out of 3, Marks will be 2 x 5 = 10 Marks]</p> <p style="text-align: center;"><b>Total = Q-1 + Q-2 + Q-3+Q-4+Q-5+Q-6 = 10 + 10 + 10+10+10+10 = 60 Marks</b></p>		
<b>Assessment:</b>	Formative		
<b>To measure:</b>	Knowledge, Application, Comprehension, Evaluation and Analysis		
<b>Outcome:</b>	CO1: Identify characteristics of Big Data and describe its ecosystem. CO2: Differentiate file system types of Big Data architecture. CO3: Compare and contrast Big Data databases with RDBMS. CO4: Use Big Data based data management model. CO5: Construct relationship of analytics in Big Data. CO6: Describe the use of Big Data in social and business application.		

**Bonus policy:**

- If a student get 1 certificates from the Big Data university, then one marks bonus shall be given to them in final internal marks such that internal marks does not exceeds 39. If student gets 38 marks in internal then one mark bonus will be given to them.

**UFM policy:**

- If two or more submitted papers are similar for coincidence, a penalty shall be imposed that shall usually be the same for all concern.
- 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 programme coordinator; (iii) report to the Director.

