M.Sc.(CA)3rd Semester
ASSESSMENT POLICY

Paper No: 040020310   **Course: Emerging Technologies**

The weightage of CIE and University examination shall be as per the University regulations.
Composition of CIE shall be as follows:
For Theory

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Quiz	45 mins	1	20	5 x 1= 5	Quiz 1 : Based on Unit 1 and 2
A2	Unit Test	1.5 hrs.	2	30	6 x 2 = 12	Test 1 : Based on Unit 1,2 and 3 Test 2 : Based on Unit 4 and 5
A3	Demo tool development	Max. 10 weeks	1	10	6X 1 = 6	Development of a tool related to either Natural language processing or Digital Image processing.
A4	Internal Examination	3 hrs.	1	60	17 x 1 = 17	Before completion of the term

Assessment Type Classification:

Assessment Code :	A1	**Coverage of Content :**	From unit 1 and 2
Assessment Type :	Quiz 1	**Tentative Date :**	22/07/2015
Kind of Question Format:	Question 1: Short answers questions(10 out of 10) [Each of 1 mark] **[10 marks]** Question 2: Do as directed: **[10 marks]** 1) Fill in the blanks(6 out of 6) [Each of ½ mark] 2) Select a correct option from given choices(4 out of 4) [Each of ½ mark] 3) One word/Character answer or Matching (5 out of 5) [Each of 1 mark]		
Assessment :	Formative		
To measure :	Knowledge		
Outcome :	CO1: describe need of speech and language processing along with their applicability. CO2: use regular expression for characterizing text sequence. CO3: use Finite State Automata to model the regular expressions.		

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Assessment Code	A2	Coverage of Content :	From unit 1,2 and 3
Assessment Type	Unit Test 1	Tentative Date :	10/08/2015
Kind of Question Format:	Q.1 [A] – One word or definition type questions. [1 Marks for each] **[04]** Q.1 [B] – Short questions. [2 Marks for each] **[06]** Q.2 [A] & [B] : Practical/Scenario based two problems with Internal Options [5 Marks for each.] **[10]** Q.3 Long questions (attempt any 2 out of 3) [5 Marks for each.] **[10]**		
Assessment :	Formative		
To measure :	Comprehension, Analysis and Synthesis		
Outcome :	CO1: describe need of speech and language processing along with their applicability. CO2: use regular expression for characterizing text sequence. CO3: use Finite State Automata to model the regular expressions. CO4: use Bayesian model to form non-word spelling errors.		

Assessment Code :	A2	Coverage of Content :	From unit 4 and 5
Assessment Type :	Unit Test 2	Tentative Date :	18/09/2015
Kind of Question Format:	Q.1 [A] – One word or definition type questions. [1 Marks for each] **[04]** Q.1 [B] – Short questions. [2 Marks for each] **[06]** Q.2 [A] & [B] : Practical/Scenario based two problems with Internal Options [5 Marks for each.] **[10]** Q.3 Long questions (attempt any 2 out of 3) [5 Marks for each.] **[10]**		
Assessment :	Formative		
To measure :	Comprehension, Analysis and Synthesis		
Outcome :	CO5: describe digital image, digital image processing, steps and its applicability. CO6: understand the concept of spatial and intensity resolution, basic relationships between pixels. CO7: understand the use of tools for basic image processing tasks.		

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Assessment Code :	A3	Coverage of Content :	From all units
Assessment Type :	Demo tool development	Tentative Date :	During the 3rd week of August.
Kind of Question Ask :	Demonstration and viva.		
Assessment :	Formative		
To measure :	Application, Analysis, Synthesis and Evaluation		
Rules :	- The student shall form a team by themselves during the second week of the semester. - Team shall consist of 5 to 6 students. - Teams cannot span division. - The teacher shall provide the title of the tool during the third week of the semester. - Title shall be based on tool development for either Natural language processing or Digital Image processing. - During the 12th week of the semester, the evaluation of the tool shall be started by the teacher. - The evaluation shall be based on parameters namely Tool objective accomplished, NLP/Image Processing clarity, synchronization of any existing relevant tool/API, presentation and viva.		
Outcome :	Either CO1: describe need of speech and language processing alongwith their applicability. CO2: use regular expression for characterizing text sequence. CO3: use Finite State Automata to model the regular expressions. CO4: use Bayesian model to for non-word spelling errors. OR CO5: describe digital image, digital image processing, steps and its applicability. CO6: understand the concept of spatial and intensity resolution, basic relationships between pixels. CO7: understand the use of tools for basic image processing tasks. CO8: describes image processing in spatial domain and its applicability.		
Assessment Code :	A4	Coverage of Content :	Topics covered from all unit
Assessment Type :	Internal Examination	Tentative Date :	19/10/2015
Kind of Question Format :	**Section -1** Q.1 [A] – One word or definition type questions. [1 Marks for each] Q.1 [B] – Short questions. [2 Marks for each] Q.2 [A] & [B] : Practical/Scenario based two problems with Internal Options [5 Marks for each.] Q.3 Long questions (attempt any 2 out of 3) [5 Marks for each.] **Section -2** Q.4 [A] – One word or definition type questions. [1 Marks for each] Q.4 [B] – Short questions. [2 Marks for each] Q.5 [A] & [B] : Practical/Scenario based two problems with Internal	4 Marks 6 Marks 10 Marks 10 Marks 4 Marks 6 Marks 10 Marks

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	Options [5 Marks for each.] Q.6 Long questions (attempt any 2 out of 3) [5 Marks for each.]	10 Marks
Assessment :	Formative	
To measure :	Knowledge, Comprehension and Analysis	
	CO1: Describe need of speech and language processing along with their applicability. CO2: Use regular expression for characterizing text sequence. CO3: Use Finite State Automata to model the regular expressions. CO4: Use Bayesian model to for non-word spelling errors. CO5: Describe digital image, digital image processing, steps and its applicability. CO6: Describe the concept of spatial and intensity resolution, basic relationships between pixels. CO7: Use tools for basic image processing tasks. CO8: Describes image processing in spatial domain and its applicability.	
Result Declaration:	Within 10 days from the date of commencement	

➢ No make-up work shall be accepted for missed or failed tests.

Academic Honesty:

Coursework is assumed to be accomplished individually (otherwise stated). Any portion of submission taken directly from anywhere (like statements in assignment/report etc.)without modification must be accompanied with the properly formatted reference giving credit to the author and to the source.

UFM:

➢ If two or more submitted solutions of assignment or test/quiz/examination answer 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 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.

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