B.C.A. 4th Semester

Course: 060060409- CC10 GUI Programming

Assessment Policy

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Quiz	01 Hour	1	20	04 X 01 = 04	During the 3rd week.
A2	Unit Test	1.5 Hours	2	30	06 X 02 = 12	During the 5th and 11th week.
A3	Open Book	01 Hour	1	20	04 X 01 = 04	During the 8th week.
A4	Internal Examination	03 Hours	1	60	15 X 01 = 15	During the 14th week.
A5	Assignment	-	1	50	05 X 01 = 05	During 13th week.

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 75 marks	Remarks
A6	Unit Test	02 Hours	2	20	06 X 02 = 12	During the 5th and 11th week.
A7	Section Test	02 Hours	1	30	18 X 01 = 18	During the 14th week.
A8	Semester End Examination	02 Hours	1	30	30 X 01 = 30	During the 15th week.
A9	Journal/Viva	-	1	270	15 X 01 = 15	

Assessment Type Classification:

Assessment Code :	A1	Weightage of Content :	Unit	(%)
			1	100%

Assessment Type :	Quiz	Tentative Date :	During the 3rd week.

Kind of Question Format:	Q1. Do as directed. (10 questions each of 2 marks.) [20 marks]

To measure :	Knowledge

Course Outcome :	CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.

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. PO6: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.

Assessment Code :	A2	Weightage of Content :	Unit	(%)
			1	20%
			2	40%
			3	40%

Assessment Type :	Unit Test – 1	Tentative Date :	During the 5th week.

Kind of Question Format:	Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04] (B) Short answer questions. (3 out of 6) [02 x 03 = 06] Q-2 (A) Practical based question. [01 x 05 = 05] OR (A) Practical based question. [01 x 05 = 05] (B) Practical based question. [01 x 05 = 05] OR (B) Practical based question. [01 x 05 = 05] Q-3 Answer the following in detail. (2 out of 3) [02 x 05 = 10]

To measure :	Comprehension, Application , Analysis and Synthesis

Course Outcome :	CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.

Programme Outcome :	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.

Assessment Code :	A2	Weightage of Content :	Unit	(%)
			2	10%
			3	10%
			4	50%
			5	30%
Assessment Type :	Unit Test – 2	Tentative Date :	During the 11th week.	

Kind of Question Format:	Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04] (B) Short answer questions. (3 out of 6) [02 x 03 = 06] Q-2 (A) Practical based question. [01 x 05 = 05] OR (A) Practical based question. [01 x 05 = 05] (B) Practical based question. [01 x 05 = 05] OR (B) Practical based question. [01 x 05 = 05] Q-3 Answer the following in detail. (2 out of 3) [02 x 05 = 10]
To measure :	Comprehension, Application , Analysis and Synthesis
Course Outcome :	CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language. CO3. Create windows form, react to its events and manipulate its content in code. CO4. Design rich integrated and GUI windows applications.
Programme Outcome :	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.

Assessment Code :	A3	Weightage of Content :	Unit	(%)
			1	20%
			2	20%
			3	40%
			4	20%
Assessment Type :	Open Book	Tentative Date :	During the 8th week.	

Kind of Question Format:	Q1. Do as directed. (10 questions each of 2 marks.) [20 marks]
To measure :	Analysis and Synthesis
Course Outcome :	CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.
Programme Outcome :	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.

Assessment Code :	A4	Weightage of Content :	Unit	(%)
			1	15%
			2	15%
			3	20%
			4	15%
			5	15%
			6	20%
Assessment Type :	Internal Examination	Tentative Date :	During the 14th week.	
Kind of Question Format:	As per external paper format			
To measure :	Comprehension and Analysis			
Course Outcome :	CO1: Comprehend key features of .NET framework and its class library. CO2: Illustrate basic constructs of C# language. CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications. CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.			
Programme Outcome:	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.			

Assessment Code :	A5	Weightage of Content :	Unit	(%)
			1	15%
			2	15%
			3	20%
			4	15%
			5	15%
			6	20%
Assessment Type :	Presentation	Tentative Date :	During 13th week.	

Kind of Question Format:	Task to be Accomplished	Marks	Date of Submission
	1. Topic selection and submission.	10	10-01-2017
	2. Final presentation with demonstration.	40	29-04-2017

Rules:
• Each team of students shall have 2 members.
• The submission shall be done in group.
• Late submission of more than 3 days will not be accepted.
• The evaluation shall be done on the basis of presentation, viva and demonstration of implementation.

To measure :	Analysis and Evaluation

Course Outcome :	CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language. CO3. Create windows form, react to its events and manipulate its content in code. CO4. Design rich integrated and GUI windows applications. CO5. Demonstrate data access, data manipulation and data binding techniques using ADO.NET.
Programme Outcome :	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	(%)	
			2	75%	
			3	25%	
Assessment Type :	Unit Test-1 (Practical)	**Minimum number of practicals to be certified as eligibility to appear: 06**	**Tentative Date:** During 5th week.		
Kind of Question Format:	Q1. Draw a UML diagram for the given problem definition or describe the properties of various controls. [05] Q2. Develop a console application. [15]				
To measure :	Application				
Course Outcome :	CO2: Illustrate basic constructs of C# language.				
Programme Outcome :	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.				

Assessment Code :	A6	Weightage of Content :	Unit	(%)	
			2 to 5	100%	
Assessment Type :	Unit Test-2 (Practical)	**Minimum number of practicals to be certified as eligibility to appear: 09**	**Tentative Date:** During 11th week.		
Kind of Question Format:	Q1 Draw a UML diagram for the given problem definition or describe the properties of various controls. [05] Q2. Develop window application. [15]				
To measure :	Application and Analysis				

Course Outcome :	CO2: Illustrate basic constructs of C# language. CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications. CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.
Programme Outcome :	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.

Assessment Code :	A7	Weightage of Content :	Unit	(%)	
			2 to 6	100%	
Assessment Type :	Section Examination including viva (Practical)	**Minimum number of practicals to be certified as eligibility to appear: 15**	**Tentative Date:** During 13th week.		
Kind of Question Format:	Q1. Draw a UML diagram for the given problem definition or describe the properties of various controls. [05] Q2. Develop a window application. [20] Q3. Viva. [05]				
To measure :	Application and Analysis				
Course Outcome :	CO2: Illustrate basic constructs of C# language. CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications. CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.				
Programme Outcome:	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.				

Assessment Code :	A8	Weightage of Content :	Unit	(%)	
			4	35%	
			5	30%	
			6	35%	
Assessment Type :	Semester End Practical Examination(SEPE)	**Minimum number of practicals to be certified as eligibility to appear: 18**	**Tentative Date:** During 14th week.		

Kind of Question Format:	Q1. Draw a UML diagram for the given problem definition or describe the properties of various controls. [05] Q2. Develop a window application. [20] Q3. Viva. [05]
To measure :	Knowledge, Application and Analysis
Course Outcome :	CO2: Illustrate basic constructs of C# language. CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications. CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.
Programme Outcome :	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.
Conduction:	The examination shall be conducted by team of evaluators which shall comprise of course teacher too.

UFM:

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 programme coordinator; (iii) report to the Director.