



Invertis University, Bareilly

PO Attainment

Faculty Name: Deepak Kumar Pathak

Class-Sem: BSc(H)-CS-5 Academic Year: 2022-23

Course Name: Gui .Net Framework

Course Code: CSH-505 Program Name: BSc(H)-CS

CO-PO MAPPING:

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2			2	3			3			
CO2	2		3	3			2	2				
CO3		2	2			2	2				3	
CO4				2	1			1	2	1		
CO5	3		2		3						2	2
CO6		3		2		2	3	1	2	3		

CO ATTAINMENT:

Deepak Kumar Pathak	Att. Level
CO1	3.00
CO2	3.00
CO3	3.00
CO4	3.00
CO5	3.00
CO6	3.00

PO ATTAINMENT :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Overall PO Attainment	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	

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Invertis University, Bareilly CO Attainment

Faculty Name: Deepak Kumar Pathak

Class/Sem: BSc(H)-CS-5

Academic Year: 2022-23

Course Name: Gui .Net Framework

Course Code: CSH-505

Program Name: BSc(H)-CS

S. No.	University Reg. No.	Student Name	Theory (30)	Theory (30)	Theory (10)	Theory (10)	Theory (30)	Theory (10)	Internal Marks Scheme			Total Internal Marks	End Sem Exam Marks	Total Marks
									Unit Test(UT)	Attendance(AT)	Teacher Assessment(TA)			
1	BCSS2020001	SHIKHAR SAMANT	30	24	10	8	30	10	12	12	6	30	58	88
2	BCSS2020002	BHUPENDRA KUMAR	23	18	7	5	23	7	9	9	4	22	38	60
3	BCSS2020003	NAVNEET KAUR	30	24	10	8	30	10	12	12	6	30	58	88
4	BCSS2020004	HARSHDEEP KAUR	30	24	8	7	30	8	12	12	5	29	50	79
5	BCSS2020005	ADITYA KUMAR	23	18	7	5	23	7	9	9	4	22	48	70
6	BCSS2020006	VAISHNAVI TIWARI	30	24	8	7	30	8	12	12	5	29	48	77
7	BCSS2020007	NITANSHI DIXIT	30	24	8	7	30	8	12	11	5	28	48	76
8	BCSS2020008	AKASH KUMAR YADAV	25	20	8	7	25	8	10	10	5	25	46	71
9	BCSS2020010	PRATISHTHA SAXENA	25	20	8	7	25	8	10	10	5	25	49	74
10	BCSS2020011	MINTU GANGWAR	25	20	7	5	25	7	10	9	4	23	42	65
11	BCSS2020012	PRINCE PANDEY	30	24	10	8	30	10	12	12	6	30	57	87
12	BCSS2020013	ABHINAV CHAUHAN	28	22	8	7	28	8	11	10	5	26	46	72
13	BCSS2020009	MAHI RAJPAL	13	10	3	3	13	3	5	5	2	12	AB	12
Students appeared for the examination			13	13	13	13	13	13	13	13	13	22	12	13
Target / satisfactory mark set as benchmark			12	12	4	4	12	4	5	5	2	12	28	40
Students scored above the target set			13	12	12	12	13	12	13	13	12	12	12	12
% Students scored above the target set			100%	92%	92%	92%	100%	92%	100%	92%	100%	92%	18	100%
Attainment Level			3	3	3	3	3	3	3	3	3	15	3	3

Rubric:		Overall attainment	3.00
% Students	Level		
<50%	1		
50-75%	2		
>75%	3		

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Q.No	Questions	Marks (70)	CO	BL
	Explain the following:			
1-I	CTS	01	CO1	L2
1-II	Namespace	01	CO2	L1
1-III	Identifier	01	CO2	L2
1-IV	Default Constructors	01	CO2	L1
1-V	JIT	01	CO2	L1
1-VI	Partial Class	01	CO1	L1
1-VII	Formal Arguments	01	CO1	L1
	Explain the following:			
2-I	CLS	01	CO1	L1
2-II	Interface	01	CO1	L1
2-III	Variable	01	CO2	L2
2-IV	Parametric Constructors	01	CO2	L1
2-V	Abstraction	01	CO2	L2
2-VI	Super Class	01	CO1	L1
2-VII	Actual Arguments	01	CO1	L1
3-I	a) Calculate the factorial of a user given number with the help of recursion in C# language. (or) b) Write a short note on structure of a C# Program.	7	CO2	L2
3-II	(a) Differentiate between boxing and unboxing. (or) (b) Differentiate between method overloading and method overriding.	7	CO3	L3
4-I	(a) List out the major characteristics of C# language. (or) (b) Explain the properties and events of Combo Box windows Control with example.	7	CO3	L5
4-II	(a) Define the member access modifier in C #. (or) (b) Explain the properties and events of monthCalendar windows Control with example.	7	CO4	L3
5	(a). Discuss the components of .Net Framework in detail. (or) (b). Discuss the significance of delegate. Also, write the process to implement a delegate.	14	CO5	L4
6	(a). Discuss commonly used exceptions. Explain deriving exception classes with the help of an example. (or) (b). Write a program using ADO.NET to connect to the Master database and read the names of the student. The student table has 3 fields namely student id, first name and last name.	14	CO6	L6

BL – Bloom's Taxonomy Levels
(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

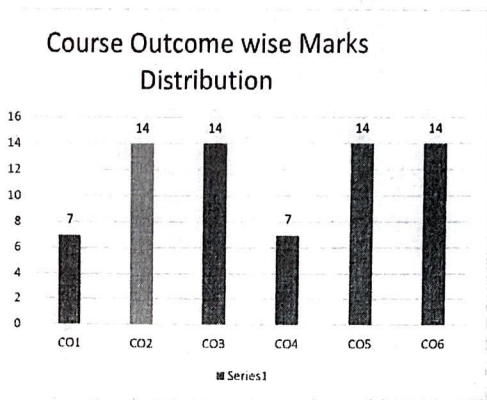
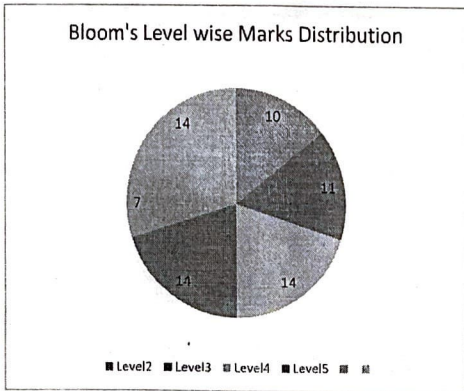
Level	Marks	CO	Marks
Level1	10	CO1	7
Level2	11	CO2	14
Level3	14	CO3	14


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Level4	14	CO4	7
Level5	7	CO5	14
Level6	14	CO6	14
Total	70	Total	70

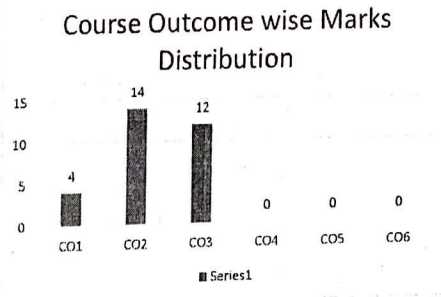
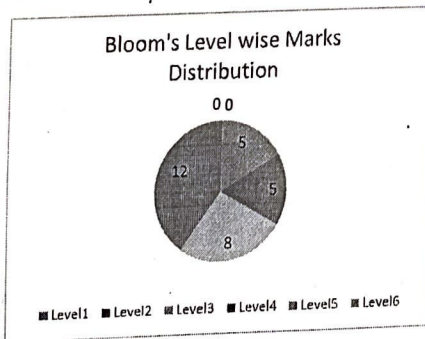



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Q.No	Questions	Marks (30)	CO	BL
1-I	What is use of Identifier?	01	CO1	L1
1-II	Write short note on Formal Arguments .	01	CO1	L1
1-III	What is the JIT?	01	CO2	L2
1-IV	How to implement array in .Net technology?	01	CO1	L2
1-V	What is use of CLS?	01	CO1	L1
	Explain the following term -			
2-I	Abstraction	01	CO2	L2
2-II	Abstraction	01	CO2	L1
2-III	Super Class	01	CO2	L2
2-IV	Actual Argument	01	CO2	L2
2-V	MSIL	01	CO2	L1
3	Answer any two questions : A) Write a short note on structure of a C# Program.. B) List out the major characteristics of C# language. C) Write a short note on datatimepicker control.	08	CO2	L3
4-A	Discuss the components of .Net Framework in detail. (OR) Differentiate between method overloading and method overriding with the help of program.	12	CO3	L4

Level	Marks	CO	Marks
Level1	5	CO1	4
Level2	5	CO2	14
Level3	8	CO3	12
Level4	12	CO4	0
Level5	0	CO5	0
Level6	0	CO6	0
Total	30	Total	30



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Second Unit Test 2022-23

BSc(H)-CS-5 Semester

Course/Code: Gui .Net Framework / CSH-505

Maximum Marks :30; Duration: 90 Minutes

Q.No	Questions	Marks (30)	CO	BL
	Explain the following in very short -			
1-I	What is use of interface?	01	CO1	L1
1-II	Write any two property of label control.	01	CO1	L1
1-III	What is the partial class?	01	CO2	L2
1-IV	How to implement array in .Net technology?	01	CO1	L2
1-V	What is use of text box?	01	CO1	L1
	Explain the following term -			
2-I	Class Member	01	CO2	L2
2-II	Namespace	01	CO2	L1
2-III	Inner Class	01	CO2	L2
2-IV	Actual Argument	01	CO2	L2
2-V	Tooltip	01	CO2	L1
3	Answer any two questions : A) What are inheritance concepts in C#. Explain with suitable examples. B) Explain the properties and events of Combo Box windows Control with example. C) Write a short note on datetimpicker control.	08	CO2	L3
4-A	Discuss commonly used exceptions. Explain deriving exception classes with the help of an example. (OR) Discuss the significance of delegate. Also, write the process to implement a delegate.	12	CO3	L4

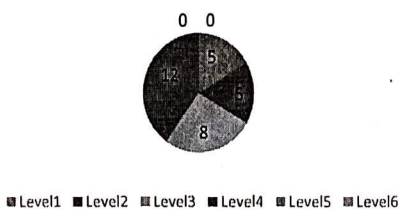
BL – Bloom's Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

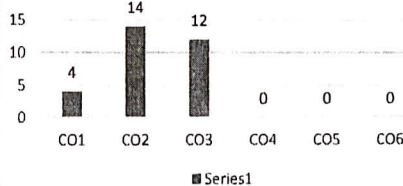
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level1	5	CO1	4
Level2	5	CO2	14
Level3	8	CO3	12
Level4	12	CO4	0
Level5	0	CO5	0
Level6	0	CO6	0
Total	30	Total	30

Bloom's Level wise Marks Distribution



Course Outcome wise Marks Distribution



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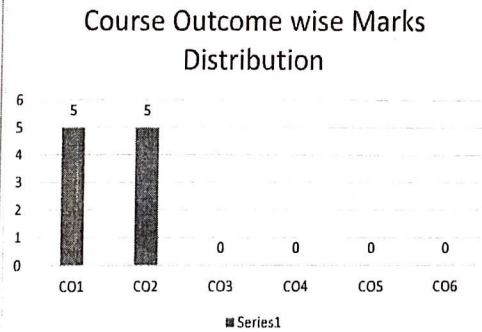
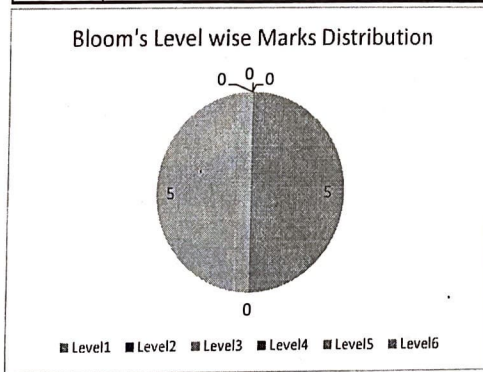
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Q.No	Questions	Marks (10)	CO	BL
1	Differentiate between break and continue statements.	05	CO1	L3
2	Discuss any five inbuilt functions of the string with the help of suitable example.	05	CO2	L1

BL – Bloom's Taxonomy Levels
(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	5	CO1	5
Level2	0	CO2	5
Level3	5	CO3	0
Level4	0	CO4	0
Level5	0	CO5	0
Level6	0	CO6	0
Total	10	Total	10




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Second Class Test 2022-23

BSc(H)-CS-5 Semester

Course/Code: Gui .Net Framework / CSH-505

Maximum Marks :10; Duration: 30 Minutes

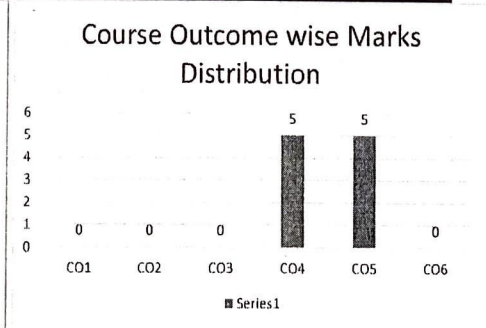
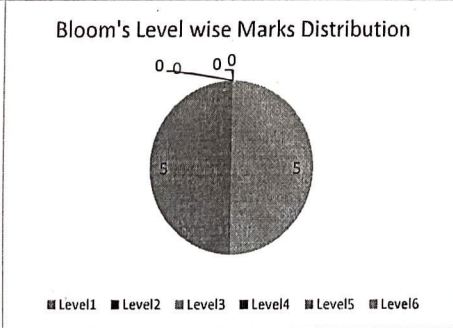
Q.No	Questions	Marks (10)	CO	BL
1	Discuss the significance of delegate. Also, write the process to implement a delegate.	05	CO4	L2
2	Explain method overloading and method overriding with example in python.	05	CO5	L1

BL – Bloom’s Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	5	CO1	0
Level2	5	CO2	0
Level3	0	CO3	0
Level4	0	CO4	5
Level5	0	CO5	5
Level6	0	CO6	0
Total	10	Total	10



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PROGRAM : BACHELOR OF SCIENCE HONOURS (COMPUTER SCIENCE)
SEMESTER : FIFTH
SESSION : 2022-23
COLLEGE : Faculty of Computer Application

Sl. No.	Enrollment No.	Roll No.	Student Name	CSH662			CSH665			CSH666			CSH613			CSH618			CSH622			CSH653			Credits Secured	CGPA	CPI
				Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks			
1	201173	2010203001	SHIKHAR SAMANT	70	30	100	4	70	30	100	4	36	16	50	6	36	16	50	2	35	16	50	2	640	22	0.00	91.27
2	201174	2010203002	SHIKHAR SAMANT	67	30	97	4	58	30	88	4	33	15	50	2	38	50	148	6	33	14	47	2	523	22	0.00	65.55
3	201175	2010203003	NAVNEET KAUR	65	29	94	4	38	22	60	4	23	13	36	2	61	47	108	6	29	12	41	2	370	22	0.00	84.36
4	201176	2010203004	HARSHDEEP KAUR	66	30	96	4	58	30	88	4	34	14	48	2	83	49	132	6	27	12	39	2	482	22	0.00	86.45
5	201177	2010203005	ADITYA KUMAR	60	26	86	4	48	22	70	4	28	10	38	2	100	50	150	6	29	13	42	2	498	22	0.00	61.91
6	201178	2010203006	VAISHNAVI THWARI	61	30	91	4	48	22	77	4	27	15	42	2	100	50	150	6	33	14	47	2	496	22	0.00	87.64
7	201179	2010203007	NITANSHI DIXIT	57	26	83	4	48	22	76	4	26	14	40	2	100	50	150	6	33	14	47	2	460	22	0.00	85.36
8	201180	2010203008	AKASH KUMAR	34	27	61	4	46	25	71	4	25	14	39	2	38	49	97	6	29	12	41	2	372	22	0.00	61.04
9	201182	2010203010	ANUSHKA SAXENA	28	29	57	4	49	25	74	4	23	13	38	2	74	50	124	6	31	13	44	2	422	22	0.00	72.82
10	201183	2010203011	MINUTU GANGWAR	51	28	79	4	42	23	65	4	32	15	47	2	67	49	116	6	30	12	42	2	428	22	0.00	70.09
11	201184	2010203012	PRINCE PANDEY	68	30	98	4	57	30	87	4	34	15	49	2	100	50	150	6	33	14	47	2	524	22	0.00	91.70
12	201185	2010203013	ADITHYAN CHAUDHAN	62	28	90	4	46	26	72	4	34	15	49	2	94	50	144	6	29	12	41	2	479	22	0.00	84.45
13	201181	2010203009	MANI RAJPAAL	AB	12	AB	0	AB	12	AB	0	AB	6	AB	0	AB	9	AB	9	0	AB	9	0	37	0.00	-	-


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Controller of Examination
Passing marks -40% in each course
Legend-
E - External Marks I - Internal Marks
T - Total Marks
Date : Jan 24, 2025
* - Passed with Grace Marks
CR - Credit
AB - Absent
DR - Dropped
CS - Credit Secured

Vice Chancellor

Registrar

CSH506 - DATA MINING
CSH532 - INTERNET TECHNOLOGIES LAB

CSH605 - GUI .NET FRAMEWORK
CSH518 - SUMMER INTERNSHIP

CSH402 - INTERNET TECHNOLOGIES
CSH413 - THEORY OF COMPUTATIONS
CSH453 - GUI .NET FRAMEWORK LAI

PROGRAM : BACHELOR OF SCIENCE HONOURS (COMPUTER SCIENCE)
SEMESTER : FIFTH
SESSION : 2022-23
COLLEGE : Faculty of Computer Application

Sl. No.	Enrollment No.	Roll No.	Student ID	Student Name	Remarks
1	2041173	2010203001	BCSS2020001	SHIN HAR SAMANT	Pass
2	2041174	2010203002	BCSS2020002	BHUPENDRA KUMAR	Pass
3	2041175	2010203003	BCSS2020003	NAVNEET KAUR	Pass
4	2041176	2010203004	BCSS2020004	HARSHDEEP KAUR	Pass
5	2041177	2010203005	BCSS2020005	ADITYA KUMAR	Pass
6	2041178	2010203006	BCSS2020006	VAISHNAVI TIWARI	Pass
7	2041179	2010203007	BCSS2020007	NTANSHI DIXIT	Pass
8	2041180	2010203008	BCSS2020008	ANSHU YADAV	Pass
9	2041182	2010203010	BCSS2020010	PRATISHTHA SAKENA	Pass
10	2041183	2010203011	BCSS2020011	MENTU GANGWAR	Pass
11	2041184	2010203012	BCSS2020012	PRINCE PANDEY	Pass
12	2041185	2010203013	BCSS2020013	ADHINAV CHAUHAN	Pass
13	2041181	2010203009	BCSS2020009	MAHITRAIPAL	Re-Appear, CSH1002, CSH1005, CSH1006, CSH1018, CSH1022, CSH1023

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Controller of Examination
-> CPI of Re-Appear Students are not Calculated.
Passing marks - 40% in each course

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Legend-
E - Exam Marks
I - Internal Marks
Date - Jan 24, 2023
* - Passed with Grace Marks
CR - Credit
AB - Absent
DT - Detained
CS - Credit Secured
DR - Dropped

CSH1002 : INTERNET TECHNOLOGIES
CSH1005 : THEORY OF COMPUTATIONS
CSH1003 : OUI .NET FRAMEWORK LAB

CSH1006 : DATA MINING
CSH1002 : INTERNET TECHNOLOGIES LAB

CSH1001 : GUI .NET FRAMEWORK
CSH1018 : SUMMER INTERNSHIP