



Invertis University, Bareilly

PO Attainment

Faculty Name: Mr. Gurpreet Singh

Class-Sem: MCA-4

Academic Year: 2022-23

Course Name: Machine Learning with Python

Course Code: MCA-404

Program Name: MCA

CO-PO MAPPING:

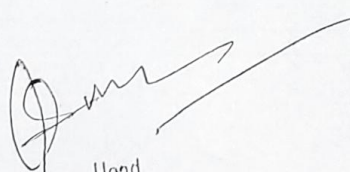
Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1			3	1			1			
CO2	1		1	1			3	1				
CO3		1	3			3	2				3	
CO4				3	1			3	3	3		
CO5	3		2		2						3	3
CO6		1		3		1	2	3	2	3		


CO ATTAINMENT:

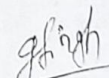
Mr. Gurpreet Singh	Att. Level
CO1	2.57
CO2	2.57
CO3	2.57
CO4	1.82
CO5	1.90
CO6	2.29

PO ATTAINMENT :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Overall PO Attainment	2.2	2.5	2.3	2.1	2.2	2.5	2.5	2.1	2.1	2.1	2.2	


 Head
 Department of Computer Applications
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)


 Dean Academics
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)


 Faculty Signature


 Registrar
 Invertis University
 Bareilly

Faculty Name: Mr. Gurpreet Singh

Class/Sem: MCA-4

Academic Year: 2022-23

Course Name: Machine Learning with Python

Course Code: MCA-404

Program Name: MCA

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	MC2020018	AAYUSH SINGH	25	20	7	5	25	7	10	10	4	24	33	57
2	MCA2021016	AAFTAB AALAM	13	10	3	3	13	3	5	5	2	12	39	51
3	MCA2021009	ABHAY MISHRA	13	10	3	3	13	3	5	5	2	12	42	54
4	MCA2021013	ABHISHEK KUMAR	25	20	7	5	25	7	10	10	4	24	23	47
5	MCA2021036	ABHISHEK PATHAK	13	10	3	3	13	3	5	5	2	12	41	53
6	MCA2021020	AJEET SINGH	25	20	7	5	25	7	10	10	4	24	64	73
7	MCA2021051	AKASH VERMA	13	10	3	3	13	3	5	5	2	12	41	53
8	MCA2021034	AKHILESH YADAV	13	10	3	3	13	3	5	5	2	12	25	37
9	MCA2021015	AKSHAY KUMAR	13	10	3	3	13	3	5	5	2	12	56	68
10	MCA2021021	AMAN SINGH	25	20	7	5	25	7	10	10	4	24	43	67
11	MCA2021056	AMIR HUSAIN	13	10	3	3	13	3	5	5	2	12	30	42
12	MCA2021023	ANKIT	13	10	3	3	13	3	5	5	2	12	43	55
13	MCA2021048	ANSHIKA GUPTA	25	20	7	5	25	7	10	10	4	24	49	73
14	MCA2021046	ANUJ BHARTI	13	10	3	3	13	3	5	5	2	12	43	55
15	MCA2021010	ARUN KUMAR	13	10	3	3	13	3	5	5	2	12	47	59
16	MCA2021017	ASAD KHAN	13	10	3	3	13	3	5	5	2	12	62	74
17	MCA2021030	AVINASH KUMAR SINGH	25	20	7	5	25	7	10	10	4	24	49	73
18	MCA2021037	CHITRANSH	13	10	3	3	13	3	5	5	2	12	34	46
19	MCA2021031	DEEPAK	13	10	3	3	13	3	5	5	2	12	50	62
20	MCA2021054	DEVESH RAGHUVANSHI	25	20	7	5	25	7	10	10	4	24	49	73
21	MCA2021022	DIVYA SINGH	13	10	3	3	13	3	5	5	2	12	56	68
22	MCA2021033	GAURAV KALKHURIYA	25	20	7	5	25	7	10	10	4	24	57	81
23	MCA2021042	KAMLESH GUPTA	13	10	3	3	13	3	5	5	2	12	33	45
24	MCA2021055	MEGHA SAXENA	15	12	3	3	15	3	6	6	2	14	56	70
25	MCA2021049	MOHAMMAD DANISH	13	10	3	3	13	3	5	5	2	12	39	51
26	MCA2021027	MOHAMMAD IMRAN KHAN	13	10	3	3	13	3	5	5	2	12	49	61
27	MCA2021025	MOHD ADNAN ANSARI	13	10	3	3	13	3	5	5	2	12	45	57
28	MCA2021032	NEERAJ KUMAR	25	20	7	5	25	7	10	10	4	24	33	57
29	MCA2021053	NITESH KAUSHIK	25	20	7	5	25	7	10	10	4	24	60	84
30	MCA2021026	PAWAN KUMAR	13	10	3	3	13	3	5	5	2	12	32	44
31	MCA2021039	PRAGATI MISHRA	25	20	7	5	25	7	10	10	4	24	47	71
32	MCA2021019	PRANAV KATIYAR	13	10	3	3	13	3	5	5	2	12	60	72
33	MCA2021050	PRINCI SHARMA	25	20	7	5	25	7	10	10	4	24	35	59
34	MCA2021028	PRIYA SHARMA	25	20	7	5	25	7	10	10	4	24	29	53
35	MCA2021012	PRIYANKA GANGWAR	13	10	3	3	13	3	5	5	2	12	52	64
36	MCA2021029	RAMAKANT	13	10	3	3	13	3	5	5	2	12	47	59
37	MCA2021043	RIDHIMA SHARMA	13	10	3	3	13	3	5	5	2	12	53	65
38	MCA2021057	SACHIN	13	10	3	3	13	3	5	5	2	12	28	40
39	MCA2021018	SAKSHI SAINI	13	10	3	3	13	3	5	5	2	12	43	55
40	MCA2021038	SAKSHI VERMA	13	10	3	3	13	3	5	5	2	12	42	54
41	MCA2021035	SAURABH VERMA	25	20	7	5	25	7	10	10	4	24	48	72
42	MCA2021008	UDIT BAJPAI	13	10	3	3	13	3	5	5	2	12	59	71

[Signature]
Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

[Signature]
Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Invertis University
Bareilly

43	MCA2021045	ZEESHAN	13	10	3	3	13	3	5	5	2	12	51	63
44	MCA2021011	AMIT KUMAR SHAH	13	10	3	3	13	3	5	5	2	12	AB	72
45	MCA2021024	ANKUL PANDAY	13	10	3	3	13	3	5	5	2	12	AB	12
46	MCA2021052	ATUL KUMAR	13	10	3	3	13	3	5	5	2	12	29	41
47	MC2021007	AVISHK KUMAR GUPTA	13	10	3	3	13	3	5	5	2	12	AB	12
48	MCA2021040	JEESHAN ALI	13	10	3	3	13	3	5	5	2	12	30	42
49	MCA2021047	MONIKA SINGH	13	10	3	3	13	3	5	5	2	12	AB	12
50	MCA2021044	SACHIN KUMAR	13	10	3	3	13	3	5	5	2	12	41	53
51	MC2021006	SUMIT KUMAR	13	10	3	3	13	3	5	5	2	12	AB	12
52	MCA2021058	VIKKY	13	10	3	3	13	3	5	5	2	12	27	39
53	MCA2021041	VISHAL SAHU	13	10	3	3	13	3	5	5	2	12	49	61
Students appeared for the examination			5	5	5	5	5	5	5	5	5	5	3	5
Target / satisfactory mark set as benchmark			12	12	4	4	12	4	5	5	2	12	28	40
Students scored above the target set			5	0	0	0	5	0	5	5	0	5	2	2
% Students scored above the target set			100%	0%	0%	0%	100%	0%	100%	100%	0%	100%	67%	40%
Attainment Level			3	1	1	1	3	1	3	3	1	3	2	1

CO1	3				3		3	3		3	2	1	2.57
CO2	3				3		3	3		3	2	1	2.57
CO3	3				3		3	3		3	2	1	2.57
CO4		1	1	1	3	1	3	3	1	3	2	1	1.82
CO5		1	1		3	1	3	3	1	3	2	1	1.90
CO6		1			3		3	3		3	2	1	2.29

Rubric:		Overall attainment		2.29
% Students	Level			
<50%	1			
50-75%	2			
>75%	3			

gofgh
Faculty Signature

[Signature]
Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

[Signature]
Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

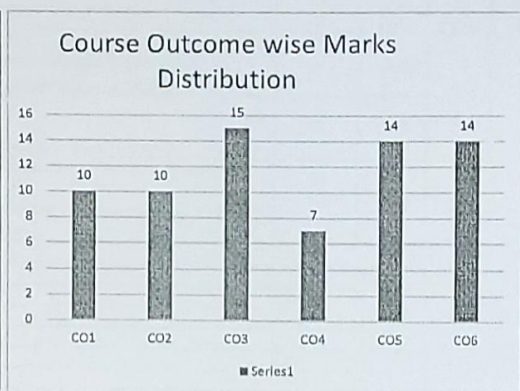
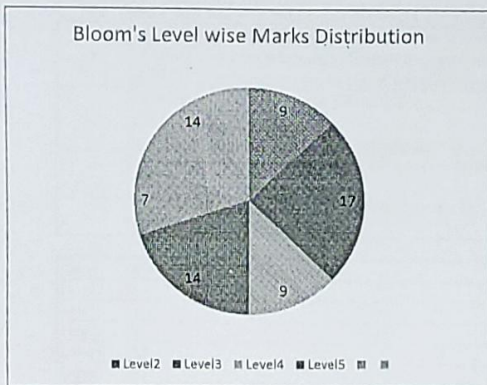
Q.No	Questions	Marks (70)	CO	BL
1-I	What will be the output of print(type(25))?	01	CO1	L2
1-II	Give the difference between package and module.	01	CO2	L1
1-III	Is python a case sensitive language?	01	CO2	L2
1-IV	What will be the output of print(list(range(5)) ?	01	CO3	L3
1-V	Explain type().	01	CO2	L1
1-VI	How will you give multi -line comment in Python?	01	CO1	L1
1-VII	How will you give single-line comment in Python?	01	CO1	L1
2-I	Explain while loops in python with syntax ?	01	CO1	L1
2-II	Write the extension of a python file.	01	CO1	L1
2-III	Why Beautiful Soap is used?	01	CO1	L1
2-IV	Give difference between list and tuple.	01	CO1	L2
2-V	Write an application of Naive Bayes Classifiers.	01	CO1	L1
2-VI	Which operator is used to implement data hiding?	01	CO1	L3
2-VII	Define cost function.	01	CO1	L1
3-I	a) Write a python program to find all the even numbers between 10 and 200. OR b) Differentiate between parametric and nonparametric regression.	7	CO2	L2
3-II	a) Explain mean, median , mode, bias, variance and outliers with suitable example ? OR b) Explain types of machine learning strategies?.	7	CO3	L2
4-I	a) Briefly describe Gradient Descent algorithm. OR b) Explain decision tree with suitable example.	7	CO3	L5
4-II	a) Explain regression and it's type. OR b) Write a python program to check whether a number is Prime or not.	7	CO3	L3
5-I	a) Explain supervised machine learning with suitable example? OR b) Write a python program to illustrate different List operations.	7	CO5	L4
5-II	a) Write a python program to demonstrate the use of break, continue and pass statements with the help of for loop. b) Write a python program to implement list as stack.	7	CO6	L6
6-I	a) Write a python program to find the cube root of a number. OR b) Write a function in python to illustrate different dictionary operations.	7	CO5	L4
6-II	a) Explain mean, median , mode, bias, variance and outliers with suitable example ? OR b) Explain Machine learning and how does it work ?	7	CO6	L6

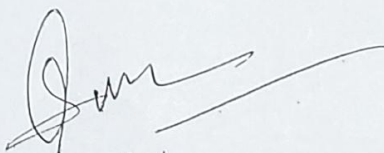
Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University Bareilly (UP)


Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

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	9	CO1	10
Level2	17	CO2	10
Level3	9	CO3	15
Level4	14	CO4	7
Level5	7	CO5	14
Level6	14	CO6	14
Total	70	Total	70



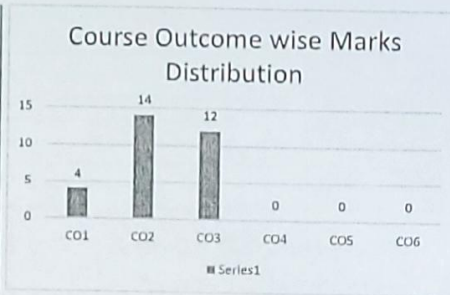
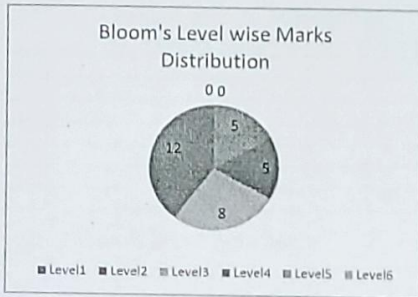

 Head
 Department of Computer Applications
 Faculty of Computer Applications
 Invertis University Bareilly (UP)


 Dean Academics
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)


 Registrar
 Invertis University
 Bareilly

Q.No	Questions	Marks (30)	CO	BL
1-I	What will be the output of: print(5)?	01	CO1	L1
1-II	Is python a case sensitive language?	01	CO1	L1
1-III	What is the extension of a python file?	01	CO2	L2
1-IV	Explain range().	01	CO1	L2
1-V	Which function is used to obtain first five observations from the given data set?	01	CO1	L1
2-I	Is python a front end or backend language?	01	CO2	L2
2-II	Give difference between list and tuple.	01	CO2	L1
2-III	Explain loops in python.	01	CO2	L2
2-IV	What is a dictionary?	01	CO2	L2
2-V	How will you give single-line comment in Python?	01	CO2	L1
3	a) What is Machine learning and how does it work ? b) Write a python program to find all the even numbers between 10 and 200. c) Write a python program to check whether the input number is prime or not.	08	CO2	L3
4-A	a) Explain types of machine learning ? OR b) Write a python program to find the factorial of a number using recursion.	06	CO3	L4
4-B	a) Explain mean, median , mode, bias, variance and outliers with suitable example ? OR b) Write a python program to demonstrate the use of break, continue and pass statements with the help of for loop.	06	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



Head
Department of Applications
Faculty of Computer Applications
Invertis University Bareilly (UP)

Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

Q.No	Questions	Marks (30)	CO	BL
1-I	Explain mode with an example?	01	CO4	L1
1-II	Define linear regression.	01	CO4	L1
1-III	Write down the extension of python file?	01	CO4	L2
1-IV	What is pandas in python?	01	CO4	L1
1-V	Write a advantage of decision tree.	01	CO4	L1
2-I	What do you mean by variance?	01	CO4	L2
2-II	What is numpy in python	01	CO5	L2
2-III	Give a real-life example where machine learning is used.	01	CO5	L2
2-IV	Which type of machine learning requires labeled data ?	01	CO5	L2
2-V	Explain Reinforcement learning.	01	CO5	L2
3	a) Differentiate between regression and classification. OR b) Explain Logistic regression machine learning algorithms. a) Differentiate between supervised and unsupervised learning. OR b) Briefly describe Naïve Bayes' algorithm.	08	CO5	L3
4-A	a) What is machine learning and how does it work. OR b) Explain Decision Tree Algorithm.	06	CO6	L4
4-B	a) Differentiate between parametric and non-parametric regression. OR b) Explain MAE, MSE and RMSE.	06	CO6	L5

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

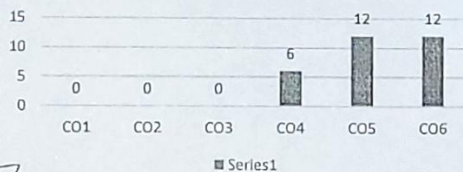
Level1	4	CO1	0
Level2	6	CO2	0
Level3	8	CO3	0
Level4	6	CO4	6
Level5	6	CO5	12
Level6	0	CO6	12
Total	30	Total	30

Bloom's Level wise Marks Distribution



Legend: Level1, Level2, Level3, Level4, Level5, Level6

Course Outcome wise Marks Distribution



Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

Q.No	Questions	Marks (10)	CO	BL
1	Explain mean, median , mode, bias, variance and outliers with suitable example ?	05	CO4	L2
2	What is Machine learning and how does it work ?	05	CO5	L1

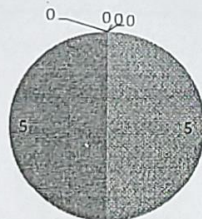
BL – Bloom’s Taxonomy Levels

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

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

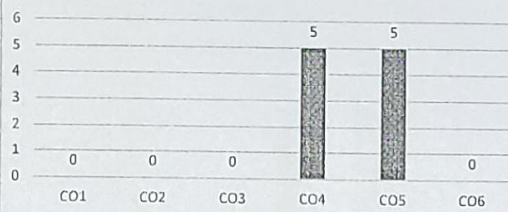
Level	Marks	CO	Marks
Level1	5	CO1	0
Level2	5	CO2	0
Level3	0	CO3	0
Level4	0	CO4	5
Level5	0	CO5	5
Level6	0	CO6	0
Total	10	Total	10

Bloom's Level wise Marks Distribution



■ Level1 ■ Level2 ■ Level3 ■ Level4 ■ Level5 ■ Level6

Course Outcome wise Marks Distribution



■ Series1

[Signature]

Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

[Signature]

Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

Q.No	Questions	Marks (10)	CO	BL
1	Differentiate between regression and classification.	05	CO4	L1
2	Differentiate between supervised and unsupervised learning.	05	CO5	L2

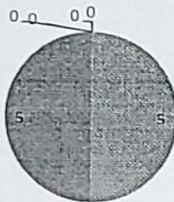
BL – Bloom’s Taxonomy Levels

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

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

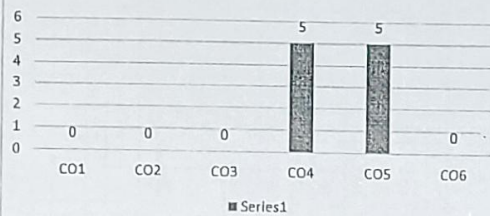
Level	Marks	CO	Marks
Level1	5	CO1	0
Level2	5	CO2	0
Level3	0	CO3	0
Level4	0	CO4	5
Level5	0	CO5	5
Level6	0	CO6	0
Total	10	Total	10

Bloom's Level wise Marks Distribution



■ Level1 ■ Level2 ■ Level3 ■ Level4 ■ Level5 ■ Level6

Course Outcome wise Marks Distribution



■ Series1

[Signature]

Head
Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

[Signature]

Dean Academics
Faculty of Computer Applications
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

PROGRAM : MASTER OF COMPUTER APPLICATION
SEMESTER : FOURTH
SESSION : 2022-23
COLLEGE : Faculty of Computer Application

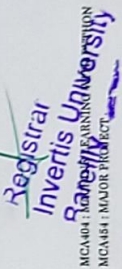


Sl. No.	Enrollment No.	Roll No.	Student Name	Student ID	IIOT104			MCA104			MCA116			MCA151			MCA154			Credits Secured	SGPA	CPI	Remarks						
					Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks					CR					
1	2101750	2020204018	AAYUSH SINGH	MC2020018	70	30	100	4	70	30	100	4	70	30	100	4	35	15	49	2	149	69	298	3	550	22			
2	2101007	2120204001	AAYUSH SINGH	MC2020018	40	24	64	4	39	24	57	4	46	24	70	4	29	11	40	2	90	55	145	3	375	22	0.00	91.29	Pass
3	2101035	2120204002	ABHAY MISHRA	MC2020199	40	12	52	4	42	12	54	4	32	11	44	4	25	9	34	2	392	55	147	3	318	22	0.00	91.45	Pass
4	210076	2120204003	ABHISHEK KUMAR	MC2021013	40	12	52	4	42	12	54	4	32	11	44	4	25	9	34	2	392	55	147	3	318	22	0.00	96.87	Pass
5	210081	2120204004	ABHISHEK KUMAR	MC2021036	39	24	67	4	23	24	46	4	22	24	46	4	26	11	37	2	398	56	154	3	351	22	0.00	98.45	Pass
6	210157	2120204005	ANJEET SINGH	MC2021020	51	24	75	4	64	24	88	4	42	13	54	4	28	11	37	2	398	55	151	3	348	22	0.00	97.18	Pass
7	210185	2120204006	AKASH VERMA	MC20221081	42	12	54	4	41	12	53	4	35	12	47	4	26	11	37	2	398	52	150	3	341	22	0.00	95.97	Pass
8	210191	2120204007	AKHILESH YADAV	MC20221084	41	12	52	4	25	12	40	0	28	12	42	4	25	9	34	2	397	51	148	3	318	18	0.00	90.91	Pass
9	210202	2120204008	AKSHAY KUMAR	MC20221015	34	12	48	4	56	12	68	4	30	12	42	4	27	13	39	2	398	56	148	3	343	22	0.00	95.72	Pass
10	210260	2120204009	AMAN SINGH	MC2021021	43	24	67	4	43	24	67	4	42	24	66	4	27	11	38	2	399	54	153	3	391	22	0.00	95.42	Pass
11	210266	2120204010	AMIR HUSAIN	MC2021056	40	12	52	4	30	12	42	4	28	12	40	4	26	10	36	2	396	52	148	3	318	22	0.00	91.45	Pass
12	210331	2120204012	ANKIT	MC2021023	44	12	56	4	43	12	55	4	35	12	47	4	29	11	40	2	396	51	147	3	365	22	0.00	99.45	Pass
13	210373	2120204014	ANSHIKA GUPTA	MC2021048	43	24	67	4	49	24	73	4	25	24	52	4	27	12	39	2	397	52	149	3	390	22	0.00	92.54	Pass
14	210402	2120204015	ANUJ BHARTI	MC2021046	39	12	51	4	43	12	55	4	30	12	42	4	26	11	37	2	396	50	146	3	331	22	0.00	93.38	Pass
15	210467	2120204016	ARUN KUMAR	MC2021010	38	12	48	4	47	12	59	4	49	12	61	4	28	11	39	2	390	51	151	3	358	22	0.00	90	Pass
16	210481	2120204017	ASAD KHAN	MC2021017	40	12	52	4	62	12	74	4	46	12	58	4	25	11	26	2	391	51	151	3	381	22	0.00	95.27	Pass
17	210520	2120204019	AVINASH KUMAR SINGH	MC2021030	39	24	63	4	49	24	73	4	56	24	80	4	32	13	45	2	392	55	173	3	426	22	0.00	107	Pass
18	210589	2120204021	CHITRANSH	MC2021037	34	12	46	4	34	12	46	4	30	12	42	4	29	12	41	2	397	52	149	3	324	22	0.00	92.27	Pass
19	210608	2120204022	DEEPAK	MC2021031	44	12	56	4	60	12	62	4	59	12	71	4	27	12	39	2	395	51	147	3	375	22	0.00	91.36	Pass
20	210645	2120204023	DIVESH RAGHUVANSHI	MC2021054	39	24	63	4	49	24	73	4	48	24	72	4	27	12	39	2	390	54	154	3	401	22	0.00	97.38	Pass
21	210675	2120204024	DIVYA SINGH	MC2021022	52	12	64	4	56	12	68	4	31	12	43	4	26	11	37	2	392	52	172	3	413	22	0.00	98.43	Pass
22	210736	2120204025	GAURAV KALAHURIYA	MC2021033	45	24	69	4	57	24	81	4	39	24	83	4	32	13	45	2	392	52	172	3	413	22	0.00	101.3	Pass
23	210855	2120204027	KAMLESH GUPTA	MC2021042	43	12	55	4	33	12	45	4	37	12	49	4	27	10	37	2	390	53	163	3	347	22	0.00	89	Pass
24	210896	2120204028	MEGHA SAXENA	MC2021055	38	14	52	4	56	14	70	4	64	14	78	4	32	13	45	2	395	53	160	3	433	22	0.00	109.2	Pass
25	211095	2120204029	MOHAMMAD DANISH	MC2021048	43	12	55	4	39	12	51	4	28	12	40	4	27	11	38	2	396	51	147	3	321	22	0.00	93.43	Pass
26	211100	2120204030	MOHAMMAD IMRAN KHAN	MC2021027	38	12	50	4	49	12	61	4	43	12	53	4	27	11	38	2	390	53	153	3	397	22	0.00	99.27	Pass
27	211200	2120204031	MOHSIN ANSARI	MC2021025	31	12	43	4	45	12	57	4	31	12	43	4	26	10	38	2	395	50	145	3	324	22	0.00	92	Pass
28	211254	2120204033	NEERAJ KUMAR	MC2021038	36	24	60	4	33	24	57	4	19	24	43	4	27	11	38	2	390	52	152	3	390	22	0.00	97.92	Pass
29	211294	2120204034	NTESH KUSHIK	MC2021053	39	24	63	4	60	24	84	4	50	24	74	4	28	12	40	2	392	53	163	3	424	22	0.00	104.9	Pass
30	211346	2120204035	PAWAN KUMAR	MC2021026	38	12	56	4	32	12	44	4	28	12	40	4	26	11	38	2	398	53	151	3	323	22	0.00	92.79	Pass
31	211378	2120204036	PRAGATI MISHRA	MC2021039	34	24	58	4	47	24	71	4	50	24	74	4	26	12	38	2	396	53	149	3	386	22	0.00	94.39	Pass
32	211389	2120204037	PRANAV KATTIAR	MC2021019	44	12	56	4	60	12	72	4	28	12	40	4	30	13	43	2	390	53	153	3	394	22	0.00	90.39	Pass
33	211455	2120204038	PRINCI SHARMA	MC2021050	39	24	63	4	56	24	79	4	29	24	53	4	27	11	38	2	397	52	149	3	353	22	0.00	97.82	Pass
34	211440	2120204039	PRIYA SHARMA	MC2021028	41	24	65	4	49	24	53	4	35	24	59	4	29	12	41	2	398	53	151	3	369	22	0.00	98.82	Pass
35	211449	2120204040	PRITANKA GANGWAR	MC2021012	28	12	40	4	63	12	64	4	45	12	57	4	27	11	38	2	399	51	150	3	343	22	0.00	97.27	Pass

Controller of Examination

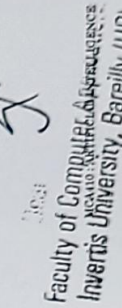
> CPI of Re-Appeal Students are not Calculated.
Legend:
External Marks 1 - Internal Marks
Total Marks
Date: Jul 5, 2023
Passed with Grace Marks
Re-Credit

Registrar



Faculty of Computer Applications
Invertis University, Bareilly (UP)

Vice Chancellor



Faculty of Computer Applications
Invertis University, Bareilly (UP)

Head

Department of Computer Applications
Faculty of Computer Applications
Invertis University, Bareilly (UP)

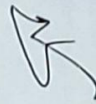
PROGRAM : MASTER OF COMPUTER APPLICATION
 SEMESTER : FOURTH
 SESSION : 2022-23
 COLLEGE : Faculty of Computer Application

Sl. No.	Enrollment No.	Roll No.	Student Name	IIOT104			MCA404			MCA410			MCA453			MCA454			Grand Total	Credits Secured	SGPA	CPI	Remarks						
				Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks	CR	Max Marks						CR					
				E	T	G	E	T	G	E	T	G	E	T	G	E	T	G						E	T	G			
35	211531	2120204011	MCA2021029	37	12	49	4	43	12	55	4	33	12	45	4	27	12	39	2	99	52	151	8	319	22	0.00	81.91	Pass	
37	211571	2120204042	MCA2021043	30	12	42	4	47	12	59	4	33	12	45	4	26	11	37	2	97	53	150	8	333	22	0.00	84.45	Pass	
38	211646	2120204043	MCA2021057	42	12	54	4	53	12	65	4	44	12	56	4	29	10	39	2	100	52	152	8	366	22	0.00	90.64	Pass	
39	211683	2120204045	MCA2021018	37	12	49	4	28	12	40	4	28	12	40	4	27	12	39	2	99	52	151	8	319	22	0.00	81.91	Pass	
40	211687	2120204046	MCA2021038	37	12	49	4	43	12	55	4	33	12	45	4	27	11	38	2	99	52	151	8	319	22	0.00	81.91	Pass	
41	211765	2120204047	MCA2021038	43	12	55	4	42	12	54	4	63	12	75	4	28	11	39	2	110	52	162	8	385	22	0.00	96.91	Pass	
42	212053	2120204048	MCA2021035	33	24	57	4	48	24	72	4	48	24	72	4	52	24	76	4	96	53	149	8	393	22	0.00	95	Pass	
43	212217	2120204052	MCA2021045	44	12	56	4	59	12	71	4	49	12	61	4	29	12	41	2	97	53	150	8	377	22	0.00	92.09	Pass	
44	210281	2120204011	MCA2021011	44	12	56	4	51	12	63	4	40	12	52	4	25	12	37	2	96	52	148	8	356	22	0.00	88.27	Pass	
45	210347	2120204013	MCA2021024	44	12	56	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	0	0.00	0	Re-Appeal- MCA404, MCA453
46	210516	2120204018	MCA2021052	44	12	56	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	0	0.00	0	Re-Appeal- MCA404, MCA453
47	210523	2120204020	MCA2021007	44	12	56	4	29	12	41	4	22	12	34	0	26	11	37	2	95	52	147	8	315	18	0.00	0	Re-Appeal- MCA404, MCA453	
48	210593	2120204026	MCA2021040	40	12	52	4	30	12	42	4	18	12	30	0	26	12	38	2	98	52	150	8	312	18	0.00	0	Re-Appeal- MCA404, MCA453	
49	211182	2120204032	MCA2021047	36	12	48	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	0	0.00	0	Re-Appeal- MCA404, MCA453
50	211851	2120204044	MCA2021044	36	12	48	4	41	12	53	4	24	12	36	0	26	11	37	2	98	51	149	8	323	18	0.00	0	Re-Appeal- MCA404, MCA453	
51	211972	2120204048	MCA2021006	51	12	63	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	AB	4	AB	12	0	0.00	0	Re-Appeal- MCA404, MCA453
52	212131	2120204050	MCA2021058	37	12	49	4	27	12	40	4	20	12	32	0	25	11	35	2	96	52	148	8	305	18	0.00	0	Re-Appeal- MCA404, MCA453	
53	212182	2120204051	MCA2021041	43	12	55	4	49	12	61	4	23	12	35	0	26	11	38	2	96	51	146	8	335	18	0.00	0	Re-Appeal- MCA404, MCA453	

(Signature)

Head

Department of Computer Applications
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)



(Signature)
 Registrar
 Invertis University
 Bareilly

Dean Academics
 Faculty of Computer Applications
 Invertis University, Bareilly (UP)

Controller of Examination

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

Legend-
 :- External Marks
 :- Total Marks
 :- Passed with Grace Marks
 :- Credit

IIOT104 : PROJECT BASED LEARNING
 MCA453 : MACHINE LEARNING WITH PYTHON LAB

MCA404 : MACHINE LEARNING WITH PYTHON
 MCA454 : MAJOR PROJECT

MCA410 : ARTIFICIAL INTELLIGENCE

Registrar

Vice Chancellor

PROGRAM : MASTER OF COMPUTER APPLICATION
SEMESTER : THIRD
SESSION : 2022-23
COLLEGE : Faculty of Computer Application

Sl. No.	Enrollment No.	Roll No.	Student ID	Student Name	MCA355			SGPA	CPI	Remarks
					CR	Grand Total	Credits Secured			
					1	650	26			
					CS					
					G					
35	210447	2120204016	MCA3021010	ARUN KUMAR	1	371	18	0.00	--	PCP, MCA307, MCA308
39	210448	2120204017	MCA3021017	ASAD KHAN	1	355	18	0.00	--	PCP, MCA307, MCA308
40	210516	2120204018	MCA3021032	ATUL KUMAR	1	354	22	0.00	--	PCP, MCA308
41	210523	2120204020	MC2021007	AVISHKE KUMAR GUPTA	0	76	1	0.00	--	Re-Appeal, MCA306, MCA307, MCA308, MCA353, MCA355
42	210503	2120204025	MCA3021040	JEEHAN ALI	1	355	18	0.00	--	PCP, MCA307, MCA308
43	211035	2120204029	MCA3021049	MOHAMMAD DANISH	1	359	22	0.00	--	PCP, MCA308
44	211120	2120204031	NGA3021025	MOHD ADNAN ANSARI	1	339	18	0.00	--	PCP, MCA307, MCA308
45	211192	2120204032	NGA3021047	MONIKA SINGH	0	62	0	0.00	--	Re-Appeal, MCA306, MCA307, MCA308, MCA319, MCA353, MCA355
46	211378	2120204036	MCA3021039	PRAGATI MISHRA	1	399	22	0.00	--	PCP, MCA308
47	211440	2120204039	MCA3021028	PRIYA SHARMA	1	436	22	0.00	--	PCP, MCA307
48	211651	2120204044	MCA3021044	SACHIN KUMAR	1	412	22	0.00	--	PCP, MCA308
49	211755	2120204047	MCA3021035	SAURABH VERMA	1	387	22	0.00	--	PCP, MCA307
50	211972	2120204048	MC2021006	SUMIT KUMAR	0	74	1	0.00	--	Re-Appeal, MCA306, MCA307, MCA308, MCA353, MCA355
51	212131	2120204050	MCA3021058	VIKKY	1	338	22	0.00	--	PCP, MCA308
52	212162	2120204051	MCA3021041	VISHAL SAITU	1	392	22	0.00	--	PCP, MCA308
53	212217	2120204052	MCA3021045	ZEEHSAN	1	342	18	0.00	--	PCP, MCA307, MCA308

(Signature)

Head
Department of Computer Application
Faculty of Computer Application
Invertis University, Bareilly (UP)

Registrar
Invertis University
Bareilly

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

Registrar

Vice Chancellor

* External Marks 1 - Internal Marks
* Total Marks
Date : Feb 7, 2023
* Passed with Grace Marks
B-Credit

MCA307: ADVANCED DATA MINING TECHNIQUES
MCA314: DIGITAL MARKETING
MCA353, MCA355

MCA308: CRYPTOGRAPHY AND CYBER SECURITY
MCA319: INDUSTRIAL TRAINING VIVA **
MCA353 - 10% MARKS