

Shri G.S. Institute of Technology and science,Indore

Department of Applied Mathematics and Computational Science

MSc I Sem July -December 2022

Subject Code-MA 94105

Subject Nomenclature-Computer Aided Numerical Analysis

CO Attainment-Final Exam

	Enrollment No.											
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)	Total	
1	0801MS22MS01	10	1	10	1	9	1	7	0	12	1	48
	Average		1		1		1		0		1	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94105	CO 1	3	3	3	2		2		3	1	3
	CO 2	3	3	3	2		2		3	1	3
	CO 3	3	3	3	2		2		3	1	3
	CO 4	3	3	3	2		2		3	1	3
	CO 5	3	3	3	2		2		3	1	3

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94105	CO 1	3	3	3	2		2		3	1	3
	CO 2	3	3	3	2		2		3	1	3
	CO 3	3	3	3	2		2		3	1	3
	CO 4	0	0	0	0		0		0	0	0
	CO 5	3	3	3	2		2		3	1	3
Average		2.4	2.4	2.4	1.6		1.6		2.4	0.8	2.4

CO Attainment MST 1												
	Enrollment No.											Total
		CO1(8)		CO2(7)		CO3		CO4		CO5		
1	0801MA22MS01	8	1	7	1							15
	Average		1		1							

MST 1												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
MA-94105	CO 1	3	3	3	2		2		3	1	3	
	CO 2	3	3	3	2		2		3	1	3	
	CO 3											
	CO 4											
	CO 5											
	Average		3	3	3	2		2		3	1	3

CO Attainment MST 2												
	Enrollment No.											Total
		CO1		CO2		CO3(5)		CO4(5)		CO5(5)		
1	0801MA22MS01					4	1	4	1	4	1	12
	Average						1		1		1	

MST 2												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
MA-94105	CO 1											
	CO 2											
	CO 3	3	3	3	2		2		3	1	3	
	CO 4	3	3	3	2		2		3	1	3	
	CO 5	3	3	3	2		2		3	1	3	
	Average		3	3	3	2		2		3	1	3

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94105	CO 1	3	3	3	2		2		3	1	3
	CO 2	3	3	3	2		2		3	1	3
	CO 3	3	3	3	2		2		3	1	3
	CO 4	0.9	0.9	0.9	0.6		0.6		0.9	0.3	0.9
	CO 5	3	3	3	2		2		3	1	3
Average		2.58	2.58	2.58	1.72		1.72		2.58	0.86	2.58

Target 2.5

Overall Attainment 2.15

Shri G.S. Institute of Technology and science, Indore

Department of Applied Mathematics and Computational Science

MSc I Sem July -December 2022

Subject Code-MA 94106

Structure-Computer Architecture

CO Attainment-Final Exam

	Enrollment No.														
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total			
1	0801MS22MS01	12	1	4	0	10	1	2	0	10	1	38			
	Average		1		0		1		0		1				

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94106	CO 1	3	2	3	1		2		3	1	3
	CO 2	3	2	3	1		2		3	1	3
	CO 3	3	2	3	1		2		3	1	3
	CO 4	3	2	3	1		2		3	1	3
	CO 5	3	2	3	1		2		3	1	3

1	0801MA22MS01					3	1	3	1	1	0	7
	Average						1		1		0	

MST 2											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94106	CO 1										
	CO 2										
	CO 3	3	2	3	1		2		3	1	3
	CO 4	3	2	3	1		2		3	1	3
	CO 5	0	0	0	0		0		0	0	0
Average		2	1.33	2	0.67		1.33		2	0.67	2

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94106	CO 1	2.1	1.4	2.1	0.7		1.4		2.1	0.7	2.1
	CO 2	0.9	0.6	0.9	0.3		0.6		0.9	0.3	0.9
	CO 3	3	2	3	1		2		3	1	3
	CO 4	0.9	0.6	0.9	0.3		0.6		0.9	0.3	0.9
	CO 5	2.1	1.4	2.1	0.7		1.4		2.1	0.7	2.1
Average		1.8	1.2	1.8	0.6		1.2		1.8	0.6	1.8

Target 2.25

Overall Attainment 1.35

Shri G.S. Institute of Technology and science, Indore

Department of Applied Mathematics and Computational Science

MSc I Sem July -December 2022

Subject Code-MA 94109

Ordinary & Partial differential Equation

CO Attainment-Final Exam

Enrollment No.			
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		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total			
1	0801MS22MS01	9	1	13	1	8	1	11	1	11	1	52			
	Average		1		1		1		1		1				

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1	3	2	3	1		2		3	1	3
	CO 2	3	2	3	1		2		3	1	3
	CO 3	3	2	3	1		2		3	1	3
	CO 4	3	2	3	1		2		3	1	3
	CO 5	3	2	3	1		2		3	1	3

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1	3	2	3	1		2		3	1	3
	CO 2	3	2	3	1		2		3	1	3
	CO 3	3	2	3	1		2		3	1	3
	CO 4	3	2	3	1		2		3	1	3
	CO 5	3	2	3	1		2		3	1	3
	Average	3	2	3	1		2		3	1	3

CO Attainment MST 1											
Enrollment No.											
		CO1(8)		CO2(7)		CO3		CO4		CO5	Total
1	0801MA22MS01	0	0	5	1						5
	Average		0		1						

MST 1

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1	0	0	0	0		0		0	0	0
	CO 2	3	2	3	1		2		3	1	3
	CO 3										
	CO 4										
	CO 5										
Average		1.5	1	1.5	0.5		1		1.5	0.5	1.5

CO Attainment MST 2												
	Enrollment No.											
		CO1	CO2	CO3(5)	CO4(5)	CO5(5)					Total	
1	0801MA22MS01			4	1	4	1	4	1	4	1	12
	Average				1		1		1		1	

MST 2											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1										
	CO 2										
	CO 3	3	2	3	1		2		3	1	3
	CO 4	3	2	3	1		2		3	1	3
	CO 5	3	2	3	1		2		3	1	3
Average		3	2	3	1		2		3	1	3

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1	2.1	1.4	2.1	0.7		1.4		2.1	0.7	2.1
	CO 2	3	2	3	1		2		3	1	3
	CO 3	3	2	3	1		2		3	1	3
	CO 4	3	2	3	1		2		3	1	3
	CO 5	3	2	3	1		2		3	1	3

Average		2.82	1.88	2.82	0.94		1.88		2.82	0.94	2.82
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Target 2.25

Overall Attainment 2.12

Shri G.S. Institute of Technology and science,Indore	
Department of Applied Mathematics and Computational Science	
MSc I Sem July -December 2022	Subject Code-MA 94108
e-Advance discrete Mathematics	
CO Attainment-Final Exam	

Enrollment No.												
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total
1	0801MS22MS01	13	1	11	1	5	0	0	0	8.5	1	37.5
	Average		1		1		0		0		1	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1	3	3	3	2		3		3		3
	CO 2	3	3	3	2		3		3		3
	CO 3	3	3	3	2		1		3		3
	CO 4	3	3	3	1		1		3		3
	CO 5	3	3	3	1		1		3		3
	Average		3	3	3	1.6		1.8		3	3

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1	3	3	3	2		3		3		3
	CO 2	3	3	3	2		3		3		3
	CO 3	0	0	0	0		0		0		0
	CO 4	0	0	0	0		0		0		0

	CO 3	3	3	3	2		1		3		3
	CO 4	0	0	0	0		0		0		0
	CO 5	0	0	0	0		0		0		0
Average											

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1	3	3	3	2		3		3		3
	CO 2	3	3	3	2		3		3		3
	CO 3	0.9	0.9	0.9	0.6		0.3		0.9		0.9
	CO 4	0	0	0	0		0		0		0
	CO 5	2.1	2.1	2.1	0.7		0.7		2.1		2.1
Average		1.8	1.8	1.8	1.06		1.06		1.8		1.8

Target **2.63**

Overall Attainment **1.59**

Shri G.S. Institute of Technology and science, Indore

Department of Applied Mathematics and Computational Science

MSc II Sem Jan-June 2023

Subject Code-MA 94205

Subject Nomenclature-Mathematical Theory of computation

CO Attainment-Final Exam

	Enrollment No.														
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total			
1	0801MS22MS01	8	1	10	1	2	1	5	0	3	0	28			
	Average		1		1		0		0		0				

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94205	CO 1	2	2	2					2		3

CO Attainment MST 2												
	Enrollment No.										Total	
		CO1		CO2		CO3(5)		CO4(5)		CO5(5)		
1	0801MA22MS01					3	1	3	1	3	1	9
	Average						1		1		1	

MST 2											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94205	CO 1										
	CO 2										
	CO 3	2	2	2					2		3
	CO 4	2	2	2					2		3
	CO 5	2	2	2					2		3
	Average										

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94205	CO 1	2	2	2	0		0		2	0	3
	CO 2	2	2	2	0		0		2	0	3
	CO 3	0.6	0.6	0.6	0		0		0.6	0	0.9
	CO 4	0.6	0.6	0.6	0		0		0.6	0	0.9
	CO 5	0.6	0.6	0.6	0		0		0.6	0	0.9
	Average		1.16	1.16	1.16	0		0	1.16	0	1.74

Target 2.2

Overall Attainment 0.7

Shri G.S. Institute of Technology and science, Indore

Department of Applied Mathematics and Computational Science

MSc II Sem Jan-June 2023

Subject Code-MA 94206

Subject Nomenclature-Data Processing and computation

CO Attainment-Final Exam

	Enrollment No.														
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total			
1	0801MS22MS01	8	1	10	1	10	1	8	1	8	1	44			
	Average		1		1		1		1		1				

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94206	CO 1	3	2	3	2		2		3	1	3
	CO 2	3	2	3	2		2		3	1	3
	CO 3	3	2	3	2		2		3	1	3
	CO 4	3	2	3	2		2		3	1	3
	CO 5	3	2	3	2		2		3	1	3

End Sem Table

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94206	CO 1	3	2	3	2		2		3	1	3
	CO 2	3	2	3	2		2		3	1	3
	CO 3	3	2	3	2		2		3	1	3
	CO 4	3	2	3	2		2		3	1	3
	CO 5	3	2	3	2		2		3	1	3
	Average										

CO Attainment MST 1

	Enrollment No.														
		CO1(8)		CO2(7)		CO3		CO4		CO5		Total			
1	0801MA22MS01	5	1	5	1							10			

Average	1	1									
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MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94206	CO 1	3	2	3	2		2		3	1	3
	CO 2	3	2	3	2		2		3	1	3
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2												
	Enrollment No.											
		CO1	CO2	CO3(5)	CO4(5)	CO5(5)			Total			
1	0801MA22MS01			3	1	3	1	2	0	8		
	Average			1	1	1		0				

MST 2											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94206	CO 1										
	CO 2										
	CO 3	3	2	3	2		2		3	1	3
	CO 4	3	2	3	2		2		3	1	3
	CO 5	0	0	0	0		0		0	0	0
	Average										

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94206	CO 1	3	2	3	2		2		3	1	3
	CO 2	3	2	3	2		2		3	1	3

	CO 3	3	2	3	2		2		3	1	3
	CO 4	3	2	3	2		2		3	1	3
	CO 5	2.1	1.4	2.1	1.4		1.4		2.1	0.7	2.1
Average		2.82	1.88	2.82	1.88		1.88		2.82	0.94	2.82

Target 2.38

Overall Attainment 2.23

Shri G.S. Institute of Technology and science, Indore

Department of Applied Mathematics and Computational Science

MSc II Sem Jan-June 2023

Subject Code-MA 94207

Subject Nomenclature-Operation research

CO Attainment-Final Exam

	Enrollment No.														
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total			
1	0801MS22MS01	10	1	10	1	11	1	8	1	8	1	47			
	Average		1		1		1		1		1				

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94207	CO 1	3	2	3	2		2		3	2	3
	CO 2	3	2	3	2		2		3	2	3
	CO 3	3	2	3	2		2		3	2	3
	CO 4	3	2	3	2		2		3	2	3
	CO 5	3	2	3	2		2		3	2	3

End Sem Table

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94207	CO 1	3	2	3	2		2		3	2	3

	CO 2	3	2	3	2		2		3	2	3
	CO 3	3	2	3	2		2		3	2	3
	CO 4	3	2	3	2		2		3	2	3
	CO 5	3	2	3	2		2		3	2	3
Average											

CO Attainment MST 1												
	Enrollment No.											
		CO1(8)		CO2(7)		CO3		CO4		CO5	Total	
1	0801MA22MS01	5	1	6	1						11	
	Average		1		1							

MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94207	CO 1	3	2	3	2		2		3	2	3
	CO 2	3	2	3	2		2		3	2	3
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2												
	Enrollment No.											
		CO1		CO2		CO3(5)		CO4(5)		CO5(5)	Total	
1	0801MA22MS01					3	1	3	1	2	8	
	Average						1		1		0	

MST 2											
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	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94207	CO 1										
	CO 2										
	CO 3	3	2	3	2		2		3	2	3
	CO 4	3	2	3	2		2		3	2	3
	CO 5	0	0	0	0		0		0	0	0
Average											

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94207	CO 1	3	2	3	2		2		3	2	3
	CO 2	3	2	3	2		2		3	2	3
	CO 3	3	2	3	2		2		3	2	3
	CO 4	3	2	3	2		2		3	2	3
	CO 5	2.1	1.4	2.1	1.4		1.4		2.1	1.4	2.1
Average		2.82	1.88	2.82	1.88		1.88		2.82	1.88	2.82

Target 2.5

Overall Attainment 2.35

Shri G.S. Institute of Technology and science,Indore											
Department of Applied Mathematics and Computational Science											
MSc II Sem Jan-June 2023						Subject Code-MA 94208					
Subject Nomenclature-Real and Complex analysis											
CO Attainment-Final Exam											

	Enrollment No.											Total			
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)					
1	0801MS22MS01	8	1	8	1	4	0	5	0	4	0	29			
	Average		1		1		0		0		0				

	CO 5										

CO Attainment MST 2											
	Enrollment No.										Total
		CO1	CO2	CO3(5)	CO4(5)	CO5(5)					
1	0801MA22MS01			3	1	3	1	4	1	10	
	Average				1		1		1		

MST 2											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94208	CO 1										
	CO 2										
	CO 3	2	2	3	1		2		3		3
	CO 4	2	2	3	1		2		3		3
	CO 5	2	2	3	1		2		3		3
	Average										

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94208	CO 1	2	2	3	1		2		3	0	3
	CO 2	2	2	3	1		2		3	0	3
	CO 3	0.6	0.6	0.9	0.3		0.6		0.9	0	0.9
	CO 4	0.6	0.6	0.9	0.3		0.6		0.9	0	0.9
	CO 5	0.6	0.6	0.9	0.3		0.6		0.9	0	0.9
	Average	1.16	1.16	1.74	0.58		1.16		1.74	0	1.74

Target 2.29

Overall Attainment 1.33

Shri G.S. Institute of Technology and science,Indore

Department of Applied Mathematics and Computational Science

Msc III Semester July-December 2022

Subject Code: MA -94304

Subject Nomenclature:Object Oriented Programming

CO Attainment-Final Exam

	Enrollment No.											Total
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
1	0801MA21MS01	9	0	6.5	0	10.5	0	6.5	0	6.5	0	39
2	0801MA21MS02	13	1	12	1	9	0	13	1	12	1	59
3	0801MA21MS03	13	1	10	1	12.5	1	11	1	10	1	56.5
4	0801MA21MS04	13	1	12	1	13	1	13	1	14	1	65
5	0801MA21MS05	11	0	10	1	11	1	6	0	6	0	44
6	0801MA21MS06	14	1	13	1	12	1	12	1	11	1	62
	Average	12.1666667	0.67	10.58	0.83	11.33	0.67	10.25	0.67	9.92	0.67	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1	3	2	1	2		2		3		3
	CO 2	3	2	1	2		2		3		3
	CO 3	3	2	1	2		2		3		3
	CO 4	3	2	1	2		2		3		3
	CO 5	3	2	1	2		2		3		3

End Sem Table

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1	2	1.34	0.67	1.34		1.34		2		2
	CO 2	2.5	1.66	0.83	1.66		1.66		2.5		2.5
	CO 3	2	1.34	0.67	1.34		1.34		2		2
	CO 4	2	1.34	0.67	1.34		1.34		2		2

	CO 5	2	1.34	0.67	1.34		1.34		2		2
Average		2.1	1.404	0.702	1.404		1.404		2.1		2.1

CO Attainment MST 1											
	Enrollment No.										Total
		CO1(7)		CO2(8)		CO3		CO4		CO5	
1	0801MA21MS01	5	1	5	1						10
2	0801MA21MS02	7	1	7	1						14
3	0801MA21MS03	6	1	6	1						12
4	0801MA21MS04	4	0	3	0						7
5	0801MA21MS05	7	1	6	1						13
6	0801MA21MS06	6	1	6	1						12
	Average	5.83	0.83	5.5	0.83						

MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1	2.5	1.66	0.83	1.66		1.66		2.5		2.5
	CO 2	2.5	1.66	0.83	1.66		1.66		2.5		2.5
	CO 3										
	CO 4										
	CO 5										
Average		2.5	1.66	0.83	1.66		1.66		2.5		2.5

CO Attainment MST 2												
	Enrollment No.										Total	
		CO1		CO2		CO3(5)		CO4(5)		CO5(5)		
1	0801MA21MS01					2	0	4	1	4	1	10
2	0801MA21MS02					3	1	5	1	4	1	12
3	0801MA21MS03					4	1	4	1	4	1	12

4	0801MA21MS04					3	1	4	1	5	1	12
5	0801MA21MS05					3	1	3	1	4	1	10
6	0801MA21MS06					4	1	3	1	5	1	12
Average						3.17	0.83	3.83	1	4.33	1	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1										
	CO 2										
	CO 3	2.5	1.66	0.83	1.66		1.66		2.5		2.5
	CO 4	2.5	1.66	0.83	1.66		1.66		2.5		2.5
	CO 5	3	2	1	2		2		3		3
Average		2.66	1.77	0.89	1.77		1.77		2.66		2.66

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1	2.15	1.436	0.718	1.436		1.436		2.15		2.15
	CO 2	2.5	1.66	0.83	1.66		1.66		2.5		2.5
	CO 3	2.15	1.436	0.718	1.436		1.436		2.15		2.15
	CO 4	2.15	1.436	0.718	1.436		1.436		2.15		2.15
	CO 5	2.3	1.538	0.769	1.538		1.538		2.3		2.3
Average		2.25	1.5012	0.7506	1.5012		1.5012		2.25		2.25

Target **2.29**

Overall Attainment **1.71**

Shri G.S. Institute of Technology and science,Indore	
Department of Applied Mathematics and Computational Science	
Msc III Semester July-December 2022	Sut Subject Code-MA 94353
Subject Nomenclature:Regressi analysis for Data Science	
CO Attainment-Final Exam	

	Enrollment No.											Total
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
1	0801MA21MS01	10.5	0	7.5	0	5	0	4	0	10	1	37
2	0801MA21MS02	14	1	14	1	8	1	12	1	12	1	60
3	0801MA21MS03	12	1	13	1	6	1	4	0	9	1	44
4	0801MA21MS04	10	0	6.5	0	6	1	7.5	1	12	1	42
5	0801MA21MS05	9	0	7	0	7.5	1	6	1	1.5	0	31
6	0801MA21MS06	14	1	8	0	6	1	7	1	11	1	46
	Average	11.58	0.5	9.33	0.33	6.5	0.83	6.75	0.67	9.25	0.83	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94353	CO 1	3	3	3	2		2		3		3
	CO 2	3	3	3	2		2		3		3
	CO 3	3	3	3	2		2		3		3
	CO 4	3	3	3	2		2		3		3
	CO 5	3	3	3	2		2		3		3

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94353	CO 1	1.5	1.5	1.5	1		1		1.5		1.5
	CO 2	0.99	0.99	0.99	0.66		0.66		0.99		0.99
	CO 3	2.5	2.5	2.5	1.66		1.66		2.5		2.5
	CO 4	2	2	2	1.34		1.34		2		2
	CO 5	2.5	2.5	2.5	1.66		1.66		2.5		2.5
	Average		1.898	1.898	1.898		1.264		1.898		1.898

CO Attainment MST 1											
Enrollment No.											

		CO1(7)		CO2(8)		CO3		CO4		CO5		Total
1	0801MA21MS01	4	0	2	0							6
2	0801MA21MS02	8	1	7	1							15
3	0801MA21MS03	4	0	4	1							8
4	0801MA21MS04	3	0	3	0							6
5	0801MA21MS05	6	1	6	1							12
6	0801MA21MS06	5	1	6	1							11
Average		5	0.5	4.666667	0.67							

MST 1												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
MA-94353	CO 1	1.5	1.5	1.5	1		1		1.5		1.5	
	CO 2	2	2	2	1.34		1.34		2		2	
	CO 3											
	CO 4											
	CO 5											
Average		1.75	1.75	1.75	1.17		1.17		1.75		1.75	

CO Attainment MST 2												
Enrollment No.		CO1		CO2		CO3(5)		CO4(5)		CO5(5)		Total
1	0801MA21MS01					2	0	2	1	2	0	6
2	0801MA21MS02					4	1	3	1	5	1	12
3	0801MA21MS03					4	1	4	1	4	1	12
4	0801MA21MS04					4	1	3	1	4	1	11
5	0801MA21MS05					3	1	2	1	5	1	10
6	0801MA21MS06					3	1	3	1	2	0	8
Average						3.33	0.83	2.83	1	3.67	0.67	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94353	CO 1										
	CO 2										
	CO 3	2.5	2.5	2.5	1.66		1.66		2.5		2.5
	CO 4	3	3	3	2		2		3		3
	CO 5	2	2	2	1.34		1.34		2		2
Average		2.5	2.5	2.5	1.66		1.66		2.5		2.5

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94353	CO 1	1.5	1.5	1.5	1		1		1.5		1.5
	CO 2	1.293	1.293	1.293	0.864		0.864		1.293		1.293
	CO 3	2.5	2.5	2.5	1.66		1.66		2.5		2.5
	CO 4	2.3	2.3	2.3	1.538		1.538		2.3		2.3
	CO 5	2.35	2.35	2.35	1.564		1.564		2.35		2.35
Average		1.9886	1.9886	1.9886	1.3252		1.3252		1.9886		1.9886

Target 2.71

Overall Attainment 1.8

Shri G.S. Institute of Technology and science,Indore											
Department of Applied Mathematics and Computational Science											
Msc III Semester July-December 2022				Sut		Subject Code-MA 94303					
Subject Nomenclature:Functional Analysis											
CO Attainment-Final Exam											

	Enrollment No.											
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)	Total	
1	0801MA21MS01	7	1	8	1	10	1	5	1	5	1	35
2	0801MA21MS02	4.5	0	9	1	6	0	9	1	12.5	1	41

3	0801MA21MS03	12	1	2.5	0	7.5	1	4	1	8	1	34
4	0801MA21MS04	11	1	7.5	1	12	1	2.5	0	0	0	33
5	0801MA21MS05	5.5	0	3.5	0	3	0	6	1	5	1	23
6	0801MA21MS06	5	0	1	0	7	1	3	0	5	1	21
Average		7.5	0.5	5.25	0.5	7.58	0.67	4.92	0.67	5.92	0.83	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94303	CO 1	2	2	2	1		2		3		3
	CO 2	2	2	2	1		2		3		3
	CO 3	2	2	2	1		2		3		3
	CO 4	2	2	2	1		2		3		3
	CO 5	2	2	2	1		2		3		3

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94303	CO 1	1	1	1	0.5		1		1.5		1.5
	CO 2	1	1	1	0.5		1		1.5		1.5
	CO 3	1.34	1.34	1.34	0.67		1.34		2		2
	CO 4	1.34	1.34	1.34	0.67		1.34		2		2
	CO 5	1.66	1.66	1.66	0.83		1.66		2.5		2.5
Average		1.268	1.268	1.268	0.634		1.268		1.9		1.9

CO Attainment MST 1

	Enrollment No.											Total
		CO1(7)		CO2(8)		CO3		CO4		CO5		
1	0801MA21MS01	4	1	1	0							5
2	0801MA21MS02	6	1	7	1							13
3	0801MA21MS03	5	1	4	1							9

4	0801MA21MS04	1	0	1	0							2
5	0801MA21MS05	3	0	3	1							6
6	0801MA21MS06	5	1	5	1							10
Average		4	0.67	3.5	0.67							

MST 1 Table												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
MA-94303	CO 1	1.34	1.34	1.34	0.67		1.34		2		2	
	CO 2	1.34	1.34	1.34	0.67		1.34		2		2	
	CO 3											
	CO 4											
	CO 5											
Average												

CO Attainment MST 2

	Enrollment No.													
		CO1	CO2	CO3(5)	CO4(5)	CO5(5)	Total							
1	0801MA21MS01			2	1	1	0	1	0	4				
2	0801MA21MS02			2	1	3	1	5	1	10				
3	0801MA21MS03			4	1	3	1	1	0	8				
4	0801MA21MS04			4	1	4	1	4	1	12				
5	0801MA21MS05			3	1	3	1	4.5	1	10.5				
6	0801MA21MS06			2	1	2	1	1	0	5				
Average				2.83	1	2.67	0.83	2.75	0.5					

MST 2 Table												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
MA-94303	CO 1											
	CO 2											
	CO 3	2	2	2	1		2		3		3	

	CO 4	1.66	1.66	1.66	0.83		1.66		2.5		2.5
	CO 5	1	1	1	0.5		1		1.5		1.5
Average		1.55	1.55	1.55	0.78		1.55		2.33		2.33

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94303	CO 1	1.102	1.102	1.102	0.551		1.102		1.65		1.65
	CO 2	1.102	1.102	1.102	0.551		1.102		1.65		1.65
	CO 3	1.538	1.538	1.538	0.769		1.538		2.3		2.3
	CO 4	1.436	1.436	1.436	0.718		1.436		2.15		2.15
	CO 5	1.462	1.462	1.462	0.731		1.462		2.2		2.2
Average		1.328	1.328	1.328	0.664		1.328		1.99		1.99

Target 2.14

Overall Attainment 1.42

Shri G.S. Institute of Technology and science, Indore

Department of Applied Mathematics and Computational Science

Msc III Semester July-December 2022 **Sut Subject Code-MA 94371**

Subject Code: Mathematical and Statistical Modelling

CO Attainment-Final Exam

	Enrollment No.											Total
		CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
1	0801MA21MS01	11	1	3	0	9.5	1	7.5	0	10	1	41
2	0801MA21MS02	12.5	1	14	1	12.5	1	13	1	11	1	63
3	0801MA21MS03	8	1	0	0	10	1	10	1	13	1	41
4	0801MA21MS04	6	0	4.5	0	7.5	0	6.5	0	9.5	0	34
5	0801MA21MS05	4.5	0	7	1	9.5	1	9	1	9	0	39
6	0801MA21MS06	4.5	0	5	1	8.5	0	4	0	13	1	35
Average		7.75	0.5	5.58	0.5	9.58	0.67	8.33	0.5	10.92	0.67	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94371	CO 1	3	1	2	1		2		3		3
	CO 2	3	1	2	1		2		3		3
	CO 3	3	1	2	1		2		3		3
	CO 4	3	1	2	1		2		3		3
	CO 5	3	1	2	1		2		3		3

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94371	CO 1	1.5	0.5	1	0.5		1		1.5		1.5
	CO 2	1.5	0.5	1	0.5		1		1.5		1.5
	CO 3	2	0.67	1.34	0.67		1.34		2		2
	CO 4	1.5	0.5	1	0.5		1		1.5		1.5
	CO 5	2	0.67	1.34	0.67		1.34		2		2
Average		1.7	0.568	1.136	0.568		1.136		1.7		1.7

CO Attainment MST 1											
	Enrollment No.										
		CO1(7)		CO2(8)		CO3		CO4		CO5	Total
1	0801MA21MS01	5	1	4	1						9
2	0801MA21MS02	8	1	5	1						13
3	0801MA21MS03	4	0	4	1						8
4	0801MA21MS04	4	0	3	0						7
5	0801MA21MS05	4	0	5	1						9
6	0801MA21MS06	5	1	5	1						10
	Average	5	0.5	4.33	0.83						

MST 1

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94371	CO 1	1.5	0.5	1	0.5		1		1.5		1.5
	CO 2	2.5	0.83	1.66	0.83		1.66		2.5		2.5
	CO 3										
	CO 4										
	CO 5										
Average		2	0.665	1.3	0.665		1.33		2		2

CO Attainment MST 2												
	Enrollment No.											Total
		CO1		CO2		CO3(5)		CO4(5)		CO5(5)		
1	0801MA21MS01					1	0	1	0	0	0	2
2	0801MA21MS02					4	1	4	1	3	1	11
3	0801MA21MS03					4	1	3	1	4	1	11
4	0801MA21MS04					1	0	1	0	1	1	3
5	0801MA21MS05					2	1	2	1	2	1	6
6	0801MA21MS06					2	1	1	0	1	1	4
Average						2.33	0.67	2	0.5	1.83	0.83	

MST II												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
MA-94371	CO 1											
	CO 2											
	CO 3	2	0.67	1.34	0.67		1.34		2		2	
	CO 4	1.5	0.5	1	0.5		1		1.5		1.5	
	CO 5	2.5	0.83	1.66	0.83		1.66		2.5		2.5	
Average		2	0.67	1.33	0.67		1.33		2		2	

Final Attainment												
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	

MA-94371	CO 1	1.5	0.5	1	0.5		1		1.5		1.5
	CO 2	1.8	0.599	1.198	0.599		1.198		1.8		1.8
	CO 3	2	0.67	1.34	0.67		1.34		2		2
	CO 4	1.5	0.5	1	0.5		1		1.5		1.5
	CO 5	2.15	0.718	1.436	0.718		1.436		2.15		2.15
Average		1.79	0.5974	1.1948	0.5974		1.1948		1.79		1.79

Target	2.14
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Overall Attainment	1.28
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