

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

Department of Applied Mathematics and Computational Science

Msc I Semester July-Dec 2020

Subject Code-MA 94105

Subject Nomenclature: Computer Aided Numerical Analysis

CO Attainment-Final Exam

Enrollment No.											Total
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA20MS01	11	1	14	1	10	1	12	1	14	1	61
0801MA20MS02	11	1	10	1	10	1	12	1	13	1	56
0801MA20MS03	11	1	10	1	14	1	14	1	13	1	62
0801MA20MS04	8	0	8	0	8	0	10	0	7	0	41
0801MA20MS05	8	0	8	0	8	0	7	0	10	0	41
Average	9.8	0.6	10	0.6	10	0.6	11	0.6	11.4	0.6	

	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	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
	CO 2	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
	CO 3	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
	CO 4	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
	CO 5	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8

CO Attainment MST 1

Enrollment No.										Total
	CO1(8)		CO2(07)		CO3		CO4		CO5	
0801MA20MS01	7	1	6	1						13
0801MA20MS02	5	1	6	1						11
0801MA20MS03	7	1	6	1						13
0801MA20MS04	2	0	2	0						4
0801MA20MS05	2	0	2	0						4
Average	4.6	0.6	4.4	0.6						

MST 1

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94105	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
CO 2	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
CO 3										
CO 4										
CO 5										

CO Attainment MST 2

Enrollment No.										Total	
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		
0801MA20MS01					4	1	4	1	3	1	11
0801MA20MS02					4	1	4	1	5	1	13
0801MA20MS03					3	1	4	1	4	1	11
0801MA20MS04					3	1	3	1	3	1	9
0801MA20MS05					3	1	3	1	3	1	9
Average					3.4	1	3.6	1	3.6	1	

MST II											
	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
Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94105	CO 1	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
	CO 2	1.8	1.8	1.8	1.2		1.2		1.8	0.6	1.8
	CO 3	2.16	2.16	2.16	1.44		1.44		2.16	0.72	2.16
	CO 4	2.16	2.16	2.16	1.44		1.44		2.16	0.72	2.16
	CO 5	2.16	2.16	2.16	1.44		1.44		2.16	0.72	2.16
Average		2.016	2.016	2.016	1.344		1.344		2.016	0.672	2.016

Target **2.5**

Overall Attainment **1.68**

Shri G.S. Institute of Technology and science, Indore
 Department of Applied Mathematics and Computational Science
Msc I Semester July-Dec 2020 **Subject Code-MA 94106**
Subject Nomenclature: Computer Architecture
 CO Attainment-Final Exam

Enrollment No.											Total
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA20MS01	13	1	10	1	11	1	13	1	14	1	61
0801MA20MS02	10	1	10	1	11	1	14	1	14	1	59
0801MA20MS03	10	1	11	1	10	1	13	1	14	1	58
0801MA20MS04	11	1	10	1	11	1	14	1	13	1	59
0801MA20MS05	10	1	10	1	10	1	13	1	13	1	56

Average	10.8	1	10.2	1	10.6	1	13.4	1	13.6	1	
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	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

End Sem Table											
	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

CO Attainment MST 1

Enrollment No.											Total
	CO1(8)		CO2(07)		CO3		CO4		CO5		
0801MA20MS01	7	1	6	1							13
0801MA20MS02	6	1	6	1							12
0801MA20MS03	6	1	7	1							13
0801MA20MS04	6	1	5	0							11
0801MA20MS05	6	1	6	1							12
Average	6.2	1	6	0.8							

MST 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	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2

Enrollment No.											
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		Total
0801MA20MS01					4	1	4	1	5	1	13
0801MA20MS02					4	1	3	1	5	1	12
0801MA20MS03					4	1	3	1	4	1	11
0801MA20MS04					4	1	4	1	5	1	13
0801MA20MS05					4	1	4	1	4	1	12
Average					4	1	3.6	1	4.6	1	

MST II

	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	3	2	3	1		2		3	1	3

Final Attainment

	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	2.82	1.88	2.82	0.94		1.88		2.82	0.94	2.82
	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		2.964	1.976	2.964	0.988		1.976		2.964	0.988	2.964

Target 2.25

Overall Attainment 2.22

Shri G.S. Institute of Technology and science,Indore	
Department of Applied Mathematics and Computational Science	
Msc I Semester July-Dec 2020	Subject Code-MA 94108
Subject Nomenclature: Advance Discrete Mathematics	
CO Attainment-Final Exam	

Enrollment No.											
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total
0801MA20MS01	11	1	11	1	14	1	10	0	13	1	59
0801MA20MS02	10	1	10	1	11	1	13	1	12	1	56
0801MA20MS03	10	1	11	1	10	0	13	1	12	1	56
0801MA20MS04	9	0	10	1	9	0	9	0	7	0	44
0801MA20MS05	10	1	10	1	11	1	10	0	11	1	52
Average	10	0.8	10.4	1	11	0.6	11	0.4	11	0.8	

	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

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1	2.4	2.4	2.4	1.6		2.4		2.4		2.4

	CO 2	3	3	3	2		3		3		3
	CO 3	1.8	1.8	1.8	1.2		0.6		1.8		1.8
	CO 4	1.2	1.2	1.2	0.4		0.4		1.2		1.3
	CO 5	2.4	2.4	2.4	0.8		0.8		2.4		2.4

CO Attainment MST 1

Enrollment No.											Total
	CO1(8)		CO2(07)		CO3		CO4		CO5		
0801MA20MS01	7	1	6	1							13
0801MA20MS02	5	1	5	1							10
0801MA20MS03	6	1	6	1							12
0801MA20MS04	4	0	4	0							8
0801MA20MS05	6	1	7	1							13
Average	5.6	0.8	5.6	0.8							

MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1	2.4	2.4	2.4	1.6		2.4		2.4		2.4
	CO 2	2.4	2.4	2.4	1.6		2.4		2.4		2.4
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2

Enrollment No.											Total
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		
0801MA20MS01					4	1	4	1	3	1	11
0801MA20MS02					4	1	4	1	5	1	13

0801MA20MS03					3	1	3	1	4	1	10
0801MA20MS04					2	0	2	0	2	0	6
0801MA20MS05					2	0	2	0	2	0	6
Average					3	0.6	3	0.6	3.2	0.6	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1										
	CO 2										
	CO 3	1.8	1.8	1.8	1.2		0.6		1.8		1.8
	CO 4	1.8	1.8	1.8	0.6		0.6		1.8		1.8
	CO 5	1.8	1.8	1.8	0.6		0.6		1.8		1.8

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94108	CO 1	2.4	2.4	2.4	1.6		2.4		2.4		2.4
	CO 2	2.82	2.82	2.82	1.88		2.82		2.82		2.82
	CO 3	1.8	1.8	1.8	1.2		0.6		1.8		1.8
	CO 4	1.38	1.38	1.38	0.46		0.46		1.38		1.45
	CO 5	2.22	2.22	2.22	0.74		0.74		2.22		2.22
Average		2.124	2.124	2.124	1.176		1.404		2.124		2.138

Target 2.63

Overall Attainment 1.89

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

Department of Applied Mathematics and Computational Science

Msc I Semester July-Dec 2020 **Subject Code-MA 94109**

Subject Nomenclatur: Ordinary and Partial differential equation

CO Attainment-Final Exam

Enrollment No			
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Enrollment No.											
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total
0801MA20MS01	10	1	10	1	10	1	10	1	10	1	50
0801MA20MS02	11	1	10	1	10	1	9	1	10	1	50
0801MA20MS03	9	1	9	1	11	1	10	1	9	1	48
0801MA20MS04	4	0	4	0	4	0	4	0	2	0	18
0801MA20MS05	9	1	9	1	9	1	9	1	8	1	44
Average	8.6	0.8	8.4	0.8	8.8	0.8	8.4	0.8	7.8	0.8	

	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	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 2	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 3	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 4	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 5	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4

CO Attainment MST 1

Enrollment No.											
	CO1(8)		CO2(07)		CO3		CO4		CO5		Total
0801MA20MS01	5	1	4	1							9
0801MA20MS02	5	1	4	1							9
0801MA20MS03	4	1	5	1							9
0801MA20MS04	0	0	0	0							0

0801MA20MS05	5	1	5	1							10
Average	3.8	0.8	3.6	0.8							

MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 2	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2

Enrollment No.										Total
	CO1	CO2	CO3(05)	CO4(05)	CO5(05)					
0801MA20MS01			3	1	3	1	4	1	10	
0801MA20MS02			3	1	3	1	4	1	10	
0801MA20MS03			4	1	3	1	3	1	10	
0801MA20MS04			3	1	1	0	1	0	5	
0801MA20MS05			4	1	3	1	3	1	10	
Average			3.4	1	2.6	0.8	3	0.8		

MST II											
	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	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 5	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94109	CO 1	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 2	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 3	2.58	1.72	2.58	0.86		1.72		2.58	0.86	2.58
	CO 4	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
	CO 5	2.4	1.6	2.4	0.8		1.6		2.4	0.8	2.4
Average		2.436	1.624	2.436	0.812		1.624		2.436	0.812	2.436

Target 2.25

Overall Attainment 1.83

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

Department of Applied Mathematics and Computational Science

Msc III Semester July-Dec 2020

Subject Code-MA 94303

Subject Nomenclatur Functional analysis

CO Attainment-Final Exam

Enrollment No.											Total
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA19MS01	11	1	10	1	10	1	8	0	9	0	48
0801MA19MS02	10	1	10	1	11	1	11	1	12	1	54
Average	10.5	1	10	1	10.5	1	9.5	0.5	10.5	0.5	51

	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

0801MA19MS01					3	1	2	1	2	1	7
0801MA19MS02					4	1	3	1	3	1	10
Average					3.5	1	2.5	1	2.5	1	

MST II											
	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	2	2	2	1		2		3		3
	CO 5	2	2	2	1		2		3		3

Final Attainment											
	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	1.3	1.3	1.3	0.65		1.3		1.95		1.95
	CO 5	1.3	1.3	1.3	0.65		1.3		1.95		1.95
Average		1.72	1.72	1.72	0.86		1.72		2.58		2.58

Target 2.14

Overall Attainment 1.84

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

Department of Applied Mathematics and Computational Science

Msc III Semester July-Dec 2020 **Subject Code-MA 94304**

Subject Nomenclatur: **Object Oriented Programming**

CO Attainment-Final Exam

Enrollment No			
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Enrollment No.										Total	
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA19MS01	11	1	10	1	11	0	13	1	12	1	57
0801MA19MS02	12	1	11	1	14	1	14	1	13	1	64
Average	11.5	1	10.5	1	12.5	0.5	13.5	1	12.5	1	

	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	3	2	1	2		2		3		3
	CO 2	3	2	1	2		2		3		3
	CO 3	1.5	1	0.5	1		1		1.5		1.5
	CO 4	3	2	1	2		2		3		3
	CO 5	3	2	1	2		2		3		3

CO Attainment MST 1

Enrollment No.										Total
	CO1(8)		CO2(07)		CO3		CO4		CO5	
0801MA19MS01	5	0	5	1						10
0801MA19MS02	7	1	6	1						13
Average	6	0.5	5.5	1						

MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1	1.5	1	0.5	1		1		1.5		1.5
	CO 2	3	2	1	2		2		3		3
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2

Enrollment No.											
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		Total
0801MA19MS01					4	1	4	1	5	1	13
0801MA19MS02					5	1	5	1	4	1	14
Average					4.5	1	4.5	1	4.5	1	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94304	CO 1										
	CO 2										
	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

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94303	CO 1	2.55	1.7	0.85	1.7		1.7		2.55		2.55
	CO 2	3	2	1	2		2		3		3
	CO 3	1.95	1.3	0.65	1.3		1.3		1.95		1.95

	CO 4	3	2	1	2		2		3		3
	CO 5	3	2	1	2		2		3		3
Average		2.7	1.8	0.9	1.8		1.8		2.7		2.7

Target 2.29

Overall Attainment 2.06

Shri G.S. Institute of Technology and science,Indore	
Department of Applied Mathematics and Computational Science	
Msc III Semester July-Dec 2020	Subject Code-MA 94352
Subject Nomenclature: Statistical Quality control	
CO Attainment-Final Exam	

Enrollment No.											
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total
0801MA19MS01	11	1	11	1	10	1	11	1	9	0	52
0801MA19MS02	11	1	11	1	10	1	11	1	14	1	57
Average	11	1	11	1	10	1	11	1	11.5	0.5	

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94352	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-94352	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	1.5	1.5	1.5	1		1		1.5		1.5

CO Attainment MST 1

Enrollment No.											
	CO1(8)		CO2(07)		CO3		CO4		CO5	Total	
0801MA19MS01	4	0	6	1						10	
0801MA19MS02	7	1	6	1						13	
Average	5.5	0.5	6	1							

MST 1

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94352	CO 1	1.5	1.5	1.5	1		1		1.5		1.5
	CO 2	3	3	3	2		2		3		3
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2

Enrollment No.											
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)	Total	
0801MA19MS01					4	1	4	1	3	0	11
0801MA19MS02					4	1	4	1	5	1	13
Average					4	1	4	1	4	0.5	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94352	CO 1										
	CO 2										
	CO 3	3	3	3	2		2		3		3
	CO 4	3	3	3	2		2		3		3
	CO 5	1.5	1.5	1.5	1		1		1.5		1.5

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94352	CO 1	2.55	2.55	2.55	1.7		1.7		2.55		2.55
	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	1.5	1.5	1.5	1		1		1.5		1.5
Average		2.61	2.61	2.61	1.74		1.74		2.61		2.61

Target 2.71

Overall Attainment 2.36

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

Department of Applied Mathematics and Computational Science

Msc III Semester July-Dec 2020 **Subject Code-MA 94371**

Subject Nomenclature: Mathematical and Statistical modelling

CO Attainment-Final Exam

Enrollment No.											
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)	Total	
0801MA19MS01	11	1	9	1	9	1	7	0	8	0	44
0801MA19MS02	10	1	9	1	9	1	10	1	11	1	49
Average	10.5	1	9	1	9	1	8.5	0.5	9.5	0.5	

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CO Attainment MST 2

Enrollment No.											
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		Total
0801MA19MS01					4	1	3	1	3	1	10
0801MA19MS02					4	1	4	1	4	1	12
Average					4	1	3.5	1	3.5	1	

MST II

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

Final Attainment

	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	1.95	0.65	1.3	0.65		1.3		1.95		1.95
	CO 5	1.95	0.65	1.3	0.65		1.3		1.95		1.95
Average		2.58	0.86	1.72	0.86		1.72		2.58		2.58

Target 2.14

Overall Attainment 1.84

Shri G.S. Institute of Technology and science,Indore											
Department of Applied Mathematics and Computational Science											
Msc II Semester Jan-June 2021				Subject Code-MA 94205							
Subject Nomenclature: Mathematical Theory of Computation											
CO Attainment-Final Exam											

Enrollment No.											Total
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA20MS01	11	1	13	1	12	1	13	1	13	1	62
0801MA20MS02	12	1	13	1	11	1	13	1	14	1	63
0801MA20MS03	11	1	10	0	13	1	13	1	14	1	61
0801MA20MS05	10	0	10	0	11	1	12	1	10	0	53
Average	11	0.75	11.5	0.5	11.75	1	12.75	1	12.75	0.75	59.75

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

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94205	CO 1	1.5	1.5	1.5					1.5		2.25
	CO 2	1	1	1					1		1.5
	CO 3	2	2	2					2		3
	CO 4	2	2	2					2		3
	CO 5	1.5	1.5	1.5					1.5		2.25

CO Attainment MST 1

Enrollment No.										Total
	CO1(8)		CO2(07)		CO3		CO4		CO5	
0801MA20MS01	5	1	6	1						11
0801MA20MS02	5	1	5	1						10
0801MA20MS03	7	1	7	1						14
0801MA20MS05	5	1	5	1						10
Average	5.5	1	5.75	1						

MST 1

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

CO Attainment MST 2

Enrollment No.										Total	
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		
0801MA20MS01					4	1	5	1	5	1	14
0801MA20MS02					5	1	5	1	4	1	14
0801MA20MS03					4	1	4	1	3	1	11
0801MA20MS05					4	1	4	1	3	1	11
Average					4.25	1	4.5	1	3.75	1	

MST II											
	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

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94205	CO 1	1.65	1.65	1.65					1.65		2.475
	CO 2	1.3	1.3	1.3					1.3		1.95
	CO 3	2	2	2					2		3
	CO 4	2	2	2					2		3
	CO 5	1.65	1.65	1.65					1.65		2.475
Average		1.72	1.72	1.72					1.72		2.58

Target **2.2**

Overall Attainment **1.89**

Shri G.S. Institute of Technology and science, Indore											
Department of Applied Mathematics and Computational Science											
Msc II Semester Jan-June 2021 Subject Code-MA 94206											
Subject Nomenclature: Data Processing and Computation											
CO Attainment-Final Exam											
Enrollment No.											Total
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA20MS01	11	1	12	1	14	1	13	1	13	1	63
0801MA20MS02	14	1	11	1	14	1	12	1	14	1	65
0801MA20MS03	11	1	12	1	12	1	14	1	13	1	62
0801MA20MS05	10	0	10	0	11	0	11	0	10	0	52
Average	11.5	0.75	11.25	0.75	12.75	0.75	12.5	0.75	12.5	0.75	60.5

	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	2.25	1.5	2.25	1.5		1.5		2.25	0.75	2.25
	CO 2	2.25	1.5	2.25	1.5		1.5		2.25	0.75	2.25
	CO 3	2.25	1.5	2.25	1.5		1.5		2.25	0.75	2.25
	CO 4	2.25	1.5	2.25	1.5		1.5		2.25	0.75	2.25
	CO 5	2.25	1.5	2.25	1.5		1.5		2.25	0.75	2.25

CO Attainment MST 1

Enrollment No.											Total
	CO1(8)		CO2(07)		CO3		CO4		CO5		
0801MA20MS01	7	1	6	1						13	
0801MA20MS02	7	1	7	1						14	
0801MA20MS03	6	1	7	1						13	
0801MA20MS05	6	1	6	1						12	
Average	6.5	1	6.5	1							

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(05)	CO4(05)	CO5(05)	Total				
0801MA20MS01			4	1	4	1	5	1	13	
0801MA20MS02			4	1	5	1	5	1	14	
0801MA20MS03			4	1	4	1	5	1	13	
0801MA20MS05			4	1	4	1	4	1	12	
Average			4	1	4.25	1	4.75	1		

MST II

	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	3	2	3	2		2		3	1	3

Final Attainment

	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94206	CO 1	2.475	1.65	2.475	1.65		1.65		2.475	0.825	2.475
	CO 2	2.475	1.65	2.475	1.65		1.65		2.475	0.825	2.475
	CO 3	2.475	1.65	2.475	1.65		1.65		2.475	0.825	2.475
	CO 4	2.475	1.65	2.475	1.65		1.65		2.475	0.825	2.475

	CO 5	2.475	1.65	2.475	1.65		1.65		2.475	0.825	2.475
Average		2.475	1.65	2.475	1.65		1.65		2.475	0.825	2.475

Target 2.38

Overall Attainment 1.96

Shri G.S. Institute of Technology and science,Indore											
Department of Applied Mathematics and Computational Science											
Msc II Semester Jan-June 2021			Subject Code-MA 94207								
Subject Nomenclature: Operation Research											
CO Attainment-Final Exam											

Enrollment No.											Total
	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		
0801MA20MS01	10	1	10	1	11	1	11	1	12	1	54
0801MA20MS02	11	1	12	1	11	1	14	1	12	1	60
0801MA20MS03	10	1	10	1	11	1	11	1	10	1	52
0801MA20MS05	10	1	10	1	8	0	8	0	7	0	43
Average	10.25	1	10.5	1	10.25	0.75	11	0.75	10.25	0.75	

	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	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
	CO 4	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
	CO 5	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25

CO Attainment MST 1

Enrollment No.											Total
	CO1(8)		CO2(07)		CO3		CO4		CO5		
0801MA20MS01	6	1	6	1							12
0801MA20MS02	7	1	6	1							13
0801MA20MS03	7	1	6	1							13
0801MA20MS05	6	1	5	1							11
Average	6.5	1	5.75	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.											Total
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		
0801MA20MS01					4	1	4	1	3	1	11
0801MA20MS02					3	1	3	1	4	1	10
0801MA20MS03					4	1	4	1	3	1	11

0801MA20MS05					2	0	2	0	2	0	6
Average					3.25	0.75	3.25	0.75	3	0.75	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94207	CO 1										
	CO 2										
	CO 3	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
	CO 4	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
	CO 5	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25

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	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
	CO 4	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
	CO 5	2.25	1.5	2.25	1.5		1.5		2.25	1.5	2.25
Average		2.55	1.7	2.55	1.7		1.7		2.55	1.7	2.55

Target **2.5**

Overall Attainment **2.13**

Shri G.S. Institute of Technology and science, Indore
 Department of Applied Mathematics and Computational Science
 Msc II Semester Jan-June 2021 **Subject Code-MA 94208**
Subject Nomenclature: Real and Complex analysis
 CO Attainment-Final Exam

Enrollment No. _____

	CO1(14)		CO2(14)		CO3(14)		CO4(14)		CO5(14)		Total
0801MA20MS01	10	1	10	1	11	1	10	1	12	1	53
0801MA20MS02	10	1	11	1	11	1	13	1	11	1	56
0801MA20MS03	10	1	10	1	11	1	11	1	10	1	52
0801MA20MS05	8	0	8	0	11	1	7	0	6	0	40
Average	9.5	0.75	9.75	0.75	11	1	10.25	0.75	9.75	0.75	50.25

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

End Sem Table											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94208	CO 1	1.5	1.5	2.25	0.75		1.5		2.25		2.25
	CO 2	1.5	1.5	2.25	0.75		1.5		2.25		2.25
	CO 3	2	2	3	1		2		3		3
	CO 4	1.5	1.5	2.25	0.75		1.5		2.25		2.25
	CO 5	1.5	1.5	2.25	0.75		1.5		2.25		2.25

CO Attainment MST 1

Enrollment No.											Total
	CO1(8)		CO2(07)		CO3		CO4		CO5		
0801MA20MS01	7	1	6	1							13
0801MA20MS02	7	1	6	1							13
0801MA20MS03	4	0	4	0							8

0801MA20MS05	4	0	4	0							8
Average	5.5	0.5	5	0.5							

MST 1											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94208	CO 1	1	1	1.5	0.5		1		1.5		1.5
	CO 2	1	1	1.5	0.5		1		1.5		1.5
	CO 3										
	CO 4										
	CO 5										

CO Attainment MST 2

Enrollment No.											
	CO1		CO2		CO3(05)		CO4(05)		CO5(05)		Total
0801MA20MS01					4	1	4	1	5	1	13
0801MA20MS02					5	1	4	1	4	1	13
0801MA20MS03					3	0	3	1	4	1	10
0801MA20MS05					4	1	2	0	2	0	8
Average					4	0.75	3.25	0.75	3.75	0.75	

MST II											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94208	CO 1										
	CO 2										
	CO 3	1.5	1.5	2.25	0.75		1.5		2.25		2.25
	CO 4	1.5	1.5	2.25	0.75		1.5		2.25		2.25
	CO 5	1.5	1.5	2.25	0.75		1.5		2.25		2.25

Final Attainment											
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MA-94208	CO 1	1.35	1.35	2.025	0.675		1.35		2.025		2.025
	CO 2	1.35	1.35	2.025	0.675		1.35		2.025		2.025
	CO 3	1.85	1.85	2.775	0.925		1.85		2.775		2.775
	CO 4	1.5	1.5	2.25	0.75		1.5		2.25		2.25
	CO 5	1.5	1.5	2.25	0.75		1.5		2.25		2.25
Average		1.51	1.51	2.265	0.755		1.51		2.265		2.265

Target **2.29**

Overall Attainment **1.73**