

| 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 | 1.95 | 1.95 | 1.95 | 1.3 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| | CO 5 | 1.95 | 1.95 | 1.95 | 1.3 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| 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 Semester July-Dec 2018 | | | | 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) | | |
| 0801MA18MS01 | 6 | 1 | 6 | 1 | 8 | 1 | 9 | 1 | 9 | 1 | 38 |
| 0801MA18MS02 | 6 | 1 | 6 | 1 | 9 | 1 | 5 | 0 | 5 | 0 | 31 |
| Average | 6 | 1 | 6 | 1 | 8.5 | 1 | 7 | 0.5 | 7 | 0.5 | |

| | 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 | 1.5 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | 0.5 | 1.5 |
| | CO 5 | 1.5 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | 0.5 | 1.5 |
| | | | | | | | | | | | |

CO Attainment MST 1

| Enrollment No. | | | | | | | | | | |
|----------------|--------|---|---------|---|-----|--|-----|--|-----|-------|
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | Total |
| 0801MA18MS01 | 7 | 1 | 6 | 1 | | | | | | 13 |
| 0801MA18MS02 | 8 | 1 | 7 | 1 | | | | | | 15 |
| Average | 7.5 | 1 | 6.5 | 1 | | | | | | |

| 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 | 3 | 2 | 3 | 1 | | 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 |
|--------------|-----|-----|---------|---------|---------|-------|
| 0801MA18MS01 | | | 5 | 1 | 3 | 13 |
| 0801MA18MS02 | | | 4 | 1 | 4 | 12 |
| Average | | | 4.5 | 1 | 3.5 | |

| 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 | 0 | 2 | 0 | 3 | 1 | 3 |
| | CO 2 | 3 | 2 | 3 | 1 | 0 | 2 | 0 | 3 | 1 | 3 |
| | CO 3 | 3 | 2 | 3 | 1 | 0 | 2 | 0 | 3 | 1 | 3 |
| | CO 4 | 1.95 | 1.3 | 1.95 | 0.65 | 0 | 1.3 | 0 | 1.95 | 0.65 | 1.95 |
| | CO 5 | 1.95 | 1.3 | 1.95 | 0.65 | 0 | 1.3 | 0 | 1.95 | 0.65 | 1.95 |
| Average | | 2.58 | 1.72 | 2.58 | 0.86 | 0 | 1.72 | 0 | 2.58 | 0.86 | 2.58 |

Target 2.25

Overall Attainment 1.94

| | |
|---|-----------------------|
| Shri G.S. Institute of Technology and science,Indore | |
| Department of Applied Mathematics and Computational Science | |
| Msc I Semester July-Dec 2018 | 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 |
| 0801MA18MS01 | 10 | 1 | 10 | 1 | 9 | 1 | 9 | 1 | 6 | 1 | 44 |
| 0801MA18MS02 | 9 | 1 | 9 | 1 | 9 | 1 | 8 | 1 | 5 | 1 | 40 |
| Average | 9.5 | 1 | 9.5 | 1 | 9 | 1 | 8.5 | 1 | 5.5 | 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 |

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 | 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 |

CO Attainment MST 1

| Enrollment No. | | | | | | | | | | | |
|----------------|--------|---|---------|---|-----|--|-----|--|-----|--|-------|
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | | Total |
| 0801MA18MS01 | 7 | 1 | 7 | 1 | | | | | | | 14 |
| 0801MA18MS02 | 8 | 1 | 7 | 1 | | | | | | | 15 |
| Average | 7.5 | 1 | 7 | 1 | | | | | | | |

| MST 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 | | | | | | | | | | |
| | CO 4 | | | | | | | | | | |
| | CO 5 | | | | | | | | | | |
| | | | | | | | | | | | |

CO Attainment MST 2

| Enrollment No. | | | | | | | | | | | |
|----------------|-----|-----|---------|---------|---------|-------|-----|---|----|--|--|
| | CO1 | CO2 | CO3(05) | CO4(05) | CO5(05) | Total | | | | | |
| 0801MA18MS01 | | | 4 | 1 | 5 | 1 | 5 | 1 | 14 | | |
| 0801MA18MS02 | | | 5 | 1 | 4 | 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-94108 | CO 1 | | | | | | | | | | |
| | CO 2 | | | | | | | | | | |
| | 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 |
| | | | | | | | | | | | |

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 | 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 |

Target 2.63

Overall Attainment 2.63

| | | | | | | | | | | | |
|---|--|--|--|-----------------------|--|--|--|--|--|--|--|
| Shri G.S. Institute of Technology and science,Indore | | | | | | | | | | | |
| Department of Applied Mathematics and Computational Science | | | | | | | | | | | |
| Msc I Semester July-Dec 2018 | | | | Subject Code-MA 94109 | | | | | | | |
| Subject Nomenclature Ordinary and Partial differential equation | | | | | | | | | | | |
| CO Attainment-Final Exam | | | | | | | | | | | |

| Enrollment No. | CO1(14) | | CO2(14) | | CO3(14) | | CO4(14) | | CO5(14) | | Total |
|----------------|--------------|----|---------|----|---------|----|---------|-----|---------|-----|-------|
| | 0801MA18MS01 | 11 | 1 | 11 | 1 | 11 | 1 | 13 | 1 | 14 | |
| 0801MA18MS02 | 10 | 1 | 10 | 1 | 11 | 1 | 9 | 0 | 6 | 0 | 46 |
| Average | 10.5 | 1 | 10.5 | 1 | 11 | 1 | 11 | 0.5 | 10 | 0.5 | |

| | 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 | 1.5 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | 0.5 | 1.5 |
| | CO 5 | 1.5 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | 0.5 | 1.5 |
| | | | | | | | | | | | |

CO Attainment MST 1

| | | | | | | | | | | |
|-----------------------|---------------|---|----------------|-----|------------|--|------------|--|------------|--------------|
| Enrollment No. | | | | | | | | | | |
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | Total |
| 0801MA18MS01 | 7 | 1 | 7 | 1 | | | | | | 14 |
| 0801MA18MS02 | 6 | 1 | 5 | 0 | | | | | | 10 |
| Average | 6.5 | 1 | 6 | 0.5 | | | | | | |

| | | | | | | | | | | | |
|-----------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| MST 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 | 1.5 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | 0.5 | 1.5 |
| | CO 3 | | | | | | | | | | |
| | CO 4 | | | | | | | | | | |
| | CO 5 | | | | | | | | | | |
| | | | | | | | | | | | |

CO Attainment MST 2

| | | | | | | | | | | | |
|-----------------------|------------|--|------------|--|----------------|---|----------------|---|----------------|--------------|----|
| Enrollment No. | | | | | | | | | | | |
| | CO1 | | CO2 | | CO3(05) | | CO4(05) | | CO5(05) | Total | |
| 0801MA18MS01 | | | | | 5 | 1 | 5 | 1 | 5 | 1 | 15 |
| 0801MA18MS02 | | | | | 5 | 1 | 5 | 1 | 4 | 1 | 14 |
| Average | | | | | 5 | 1 | 5 | 1 | 4.5 | 1 | |

| 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 | 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-94109 | CO 1 | 3 | 2 | 3 | 1 | | 2 | | 3 | 1 | 3 |
| | CO 2 | 2.55 | 1.7 | 2.55 | 0.85 | | 1.7 | | 2.55 | 0.85 | 2.55 |
| | CO 3 | 3 | 2 | 3 | 1 | | 2 | | 3 | 1 | 3 |
| | CO 4 | 1.95 | 1.3 | 1.95 | 0.65 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| | CO 5 | 1.95 | 1.3 | 1.95 | 0.65 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| Average | | 2.49 | 1.66 | 2.49 | 0.83 | | 1.66 | | 2.49 | 0.83 | 2.49 |

Target 2.25

Overall Attainment 1.87

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

Department of Applied Mathematics and Computational Science

Msc III Semester July-Dec 2018

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 | |
| 0801MS173001 | 2 | 0 | 3 | 0 | 2 | 1 | 2 | 1 | 4 | 1 | 13 |
| 0801MS173002 | 5 | 1 | 5 | 1 | 3 | 1 | 3 | 1 | 4 | 1 | 20 |
| 0801MS173003 | 4 | 1 | 4 | 1 | 3 | 1 | 3 | 1 | 3 | 1 | 17 |
| Average | 3.66666667 | 0.67 | 4 | 0.67 | 2.666667 | 1 | 2.666667 | 1 | 3.666667 | 1 | |

| | | | | | | | | | | |
|--|-------------|--|--|--|--|--|--|--|--|--|
| | CO 4 | | | | | | | | | |
| | CO 5 | | | | | | | | | |
| | | | | | | | | | | |

CO Attainment MST 2

| Enrollment No. | | | | | | | | | | | |
|----------------|-----|-----|----------|---------|----------|-------|----------|------|----|--|--|
| | CO1 | CO2 | CO3(05) | CO4(05) | CO5(05) | Total | | | | | |
| 0801MS173001 | | | 2 | 1 | 2 | 1 | 2 | 1 | 6 | | |
| 0801MS173002 | | | 3 | 1 | 2 | 1 | 1 | 0 | 7 | | |
| 0801MS173003 | | | 3 | 1 | 3 | 1 | 4 | 1 | 10 | | |
| Average | | | 2.666667 | 1 | 2.333333 | 1 | 2.333333 | 0.67 | | | |

| 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 | 1.3 | 1.3 | 1.3 | 0.67 | | 1.3 | | 2 | | 2 |
| | | | | | | | | | | | |

| Final Attainment | | | | | | | | | | | |
|------------------|-------------|-------|-------|-------|--------|-----|-------|-----|-------|-----|-------|
| | CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 |
| MA-94303 | CO 1 | 1.09 | 1.09 | 1.09 | 0.559 | | 1.09 | | 1.67 | | 1.67 |
| | CO 2 | 1.09 | 1.09 | 1.09 | 0.559 | | 1.09 | | 1.67 | | 1.67 |
| | CO 3 | 2 | 2 | 2 | 1 | | 2 | | 3 | | 3 |
| | CO 4 | 2 | 2 | 2 | 1 | | 2 | | 3 | | 3 |
| | CO 5 | 1.79 | 1.79 | 1.79 | 0.901 | | 1.79 | | 2.7 | | 2.7 |
| Average | | 1.594 | 1.594 | 1.594 | 0.8038 | | 1.594 | | 2.408 | | 2.408 |

Target 2.14

Overall Attainment 1.71

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

Department of Applied Mathematics and Computational Science

Msc III Semester July-Dec 2018

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) | | |
| 0801MS173001 | 4 | 1 | 4 | 1 | 5 | 1 | 5 | 1 | 10 | 1 | 28 |
| 0801MS173002 | 4 | 1 | 4 | 1 | 5 | 1 | 6 | 1 | 7 | 0 | 26 |
| 0801MS173003 | 4 | 1 | 3 | 1 | 4 | 1 | 6 | 1 | 7 | 0 | 24 |
| Average | 4 | 1 | 3.666667 | 1 | 4.666667 | 1 | 5.666667 | 1 | 8 | 0.3 | |

| | 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 | 3 | 2 | 1 | 2 | | 2 | | 3 | | 3 |
| | CO 4 | 3 | 2 | 1 | 2 | | 2 | | 3 | | 3 |
| | CO 5 | 0.9 | 0.6 | 0.3 | 0.6 | | 0.6 | | 0.9 | | 0.9 |

CO Attainment MST 1

| Enrollment No. | | | | | | | | | | |
|----------------|--------|---|----------|---|-----|--|-----|--|-----|-------|
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | Total |
| 0801MS173001 | 7 | 1 | 7 | 1 | | | | | | 14 |
| 0801MS173002 | 7 | 1 | 7 | 1 | | | | | | 14 |
| 0801MS173003 | 7 | 1 | 6 | 1 | | | | | | 13 |
| Average | 7 | 1 | 6.666667 | 1 | | | | | | |

| MST 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 | | | | | | | | | | |
| | CO 4 | | | | | | | | | | |
| | CO 5 | | | | | | | | | | |

CO Attainment MST 2

| Enrollment No. | | | | | | | | | | | |
|----------------|-----|--|-----|--|---------|---|----------|---|---------|-------|----|
| | CO1 | | CO2 | | CO3(05) | | CO4(05) | | CO5(05) | Total | |
| 0801MS173001 | | | | | 5 | 1 | 5 | 1 | 4 | 1 | 14 |
| 0801MS173002 | | | | | 5 | 1 | 4 | 1 | 3 | 1 | 12 |
| 0801MS173003 | | | | | 5 | 1 | 4 | 1 | 2 | 0 | 11 |
| Average | | | | | 5 | 1 | 4.333333 | 1 | 3 | 0.67 | |

| 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 | 2 | 1.3 | 0.67 | 1.3 | | 1.3 | | 2 | | 2 |

| Final Attainment | | | | | | | | | | | |
|------------------|-------------|-------|-------|--------|-------|-----|-------|-----|-------|-----|-------|
| | 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 | 1.23 | 0.81 | 0.411 | 0.81 | | 0.81 | | 1.23 | | 1.23 |
| Average | | 2.646 | 1.762 | 0.8822 | 1.762 | | 1.762 | | 2.646 | | 2.646 |

Target 2.29

Overall Attainment 2.02

| | | | | | | | | | | | |
|---|--|--|--|------------------------------|--|--|--|--|--|--|--|
| Shri G.S. Institute of Technology and science,Indore | | | | | | | | | | | |
| Department of Applied Mathematics and Computational Science | | | | | | | | | | | |
| Msc III Semester July-Dec 2018 | | | | Subject Code-MA 94352 | | | | | | | |
| Subject Nomenclature Statistical Quality control | | | | | | | | | | | |
| CO Attainment-Final Exam | | | | | | | | | | | |

| Enrollment No. | | | | | | | | | | | Total |
|----------------|---------|-----|----------|-----|-----------|-----|----------|-----|---------|-----|-------|
| | CO1(14) | | CO2(14) | | CO3(14) | | CO4(14) | | CO5(14) | | |
| 0801MS173001 | 5 | 0 | 5 | 0 | 9 | 0 | 3 | 0 | 3 | 0 | 25 |
| 0801MS173002 | 11 | 1 | 14 | 1 | 14 | 1 | 14 | 1 | 13 | 1 | 66 |
| 0801MS173003 | 5 | 0 | 6 | 0 | 9 | 0 | 3 | 0 | 2 | 0 | 25 |
| Average | 7 | 0.3 | 8.333333 | 0.3 | 10.666667 | 0.3 | 6.666667 | 0.3 | 6 | 0.3 | |

| | 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 Attainment MST 2

| Enrollment No. | | | | | | | | | | | |
|-----------------|-------------|-----|-----|-----|---------|-----|---------|-----|----------|-----|-------|
| | CO1 | | CO2 | | CO3(05) | | CO4(05) | | CO5(05) | | Total |
| 0801MS173001 | | | | | 4 | 1 | 4 | 1 | 4 | 1 | 12 |
| 0801MS173002 | | | | | 4 | 1 | 4 | 1 | 5 | 1 | 13 |
| 0801MS173003 | | | | | 4 | 1 | 4 | 1 | 4 | 1 | 12 |
| Average | | | | | 4 | 1 | 4 | 1 | 4.333333 | 1 | |
| 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 | 3 | 3 | 3 | 2 | | 2 | | 3 | | 3 |
| | | | | | | | | | | | |

Final Attainment

| | CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 |
|-----------------|-------------|------|------|------|------|-----|------|-----|------|-----|------|
| MA-94352 | CO 1 | 1.53 | 1.53 | 1.53 | 1.02 | | 1.02 | | 1.53 | | 1.53 |
| | CO 2 | 1.53 | 1.53 | 1.53 | 1.02 | | 1.02 | | 1.53 | | 1.53 |
| | CO 3 | 1.53 | 1.53 | 1.53 | 1.02 | | 1.02 | | 1.53 | | 1.53 |
| | CO 4 | 1.53 | 1.53 | 1.53 | 1.02 | | 1.02 | | 1.53 | | 1.53 |
| | CO 5 | 1.53 | 1.53 | 1.53 | 1.02 | | 1.02 | | 1.53 | | 1.53 |
| Average | | 1.53 | 1.53 | 1.53 | 1.02 | | 1.02 | | 1.53 | | 1.53 |

Target 2.71

Overall Attainment 1.38

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

Department of Applied Mathematics and Computational Science

Msc III Semester July-Dec 2019

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 |
| 0801MS173001 | 8 | 1 | 8 | 1 | 9 | 1 | 9 | 1 | 7 | 0 | 41 |
| 0801MS173002 | 10 | 1 | 10 | 1 | 11 | 1 | 11 | 1 | 14 | 1 | 56 |
| 0801MS173003 | 8 | 1 | 8 | 1 | 9 | 1 | 9 | 1 | 8 | 0 | 42 |
| Average | 8.666666667 | 1 | 8.666667 | 1 | 9.666667 | 1 | 9.666667 | 1 | 9.666667 | 0.3 | 46.3333 |

| | 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 | 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 | 0.9 | 0.3 | 0.6 | 0.3 | | 0.6 | | 0.9 | | 0.9 |

CO Attainment MST 1

| Enrollment No. | | | | | | | | | | | |
|----------------|--------|---|---------|---|-----|--|-----|--|-----|--|-------|
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | | Total |
| 0801MS173001 | 7 | 1 | 7 | 1 | | | | | | | 14 |
| 0801MS173002 | 7 | 1 | 6 | 1 | | | | | | | 13 |

| | | | | | | | | | | | |
|--------------|-------------|---|----------|------|--|--|--|--|--|--|---|
| 0801MS173003 | 6 | 1 | 3 | 0 | | | | | | | 9 |
| Average | 6.666666667 | 1 | 5.333333 | 0.67 | | | | | | | |

| MST 1 | | | | | | | | | | | |
|-----------------|-------------|-----|------|-----|------|-----|-----|-----|-----|-----|------|
| | CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 |
| MA-94371 | CO 1 | 3 | 1 | 2 | 1 | | 2 | | 3 | | 3 |
| | CO 2 | 2 | 0.67 | 1.3 | 0.67 | | 1.3 | | 2 | | 2 |
| | CO 3 | | | | | | | | | | |
| | CO 4 | | | | | | | | | | |
| | CO 5 | | | | | | | | | | |

CO Attainment MST 2

| Enrollment No. | | | | | | | | | | Total | |
|----------------|-----|-----|----------|---------|----------|---|----------|---|----------|-------|----|
| | CO1 | CO2 | CO3(05) | CO4(05) | CO5(05) | | | | | | |
| 0801MS173001 | | | 3 | 1 | 3 | 1 | 3 | 1 | 3 | 1 | 9 |
| 0801MS173002 | | | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 12 |
| 0801MS173003 | | | 3 | 1 | 3 | 1 | 3 | 1 | 3 | 1 | 9 |
| Average | | | 3.333333 | 1 | 3.333333 | 1 | 3.333333 | 1 | 3.333333 | 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 | 2.7 | 0.901 | 1.79 | 0.901 | | 1.79 | | 2.7 | | 2.7 |

| | | | | | | | | | | | |
|---------|-------------|-------|--------|-------|--------|--|-------|--|-------|--|-------|
| | CO 3 | 3 | 1 | 2 | 1 | | 2 | | 3 | | 3 |
| | CO 4 | 3 | 1 | 2 | 1 | | 2 | | 3 | | 3 |
| | CO 5 | 1.53 | 0.51 | 1.02 | 0.51 | | 1.02 | | 1.53 | | 1.53 |
| Average | | 2.646 | 0.8822 | 1.762 | 0.8822 | | 1.762 | | 2.646 | | 2.646 |

Target 2.14

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 2019 | 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) | | |
| 0801MA18MS01 | 10 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 11 | 1 | 51 |
| 0801MA18MS02 | 10 | 1 | 9 | 1 | 9 | 1 | 10 | 1 | 11 | 1 | 49 |
| Average | 10 | 1 | 9.5 | 1 | 9.5 | 1 | 10 | 1 | 11 | 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 | 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 | 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 |
| | | | | | | | | | | | |

CO Attainment MST 1

| Enrollment No. | | | | | | | | | | | Total |
|----------------|--------|---|---------|---|-----|--|-----|--|-----|--|-------|
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | | |
| 0801MA18MS01 | 6 | 1 | 6 | 1 | | | | | | | 12 |
| 0801MA18MS02 | 7 | 1 | 6 | 1 | | | | | | | 13 |
| Average | 6.5 | 1 | 6 | 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) | | |
| 0801MA18MS01 | | | | | 4 | 1 | 5 | 1 | 5 | 1 | 14 |
| 0801MA18MS02 | | | | | 4 | 1 | 4 | 1 | 5 | 1 | 13 |
| Average | | | | | 4 | 1 | 4.5 | 1 | 5 | 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 | 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 |
| Average | | 2 | 2 | 2 | | | | | 2 | | 3 |

Target **2.2**

Overall Attainment **2.2**

Shri G.S. Institute of Technology and science,Indore
 Department of Applied Mathematics and Computational Science
 Msc II Semester Jan June 2019 **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 | |
| 0801MA18MS01 | 7 | 1 | 5 | 0 | 5 | 0 | 6 | 0 | 6 | 0 | 29 |

| | | | | | | | | | | | |
|--------------|-----|---|-----|-----|---|-----|-----|-----|---|-----|----|
| 0801MA18MS02 | 8 | 1 | 8 | 1 | 9 | 1 | 9 | 1 | 8 | 1 | 42 |
| Average | 7.5 | 1 | 6.5 | 0.5 | 7 | 0.5 | 7.5 | 0.5 | 7 | 0.5 | |

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

CO Attainment MST 1

| Enrollment No. | | | | | | | | | | |
|----------------|--------|---|---------|---|-----|--|-----|--|-----|-------|
| | CO1(8) | | CO2(07) | | CO3 | | CO4 | | CO5 | Total |
| 0801MA18MS01 | 5 | 1 | 6 | 1 | | | | | | 11 |
| 0801MA18MS02 | 4 | 1 | 5 | 1 | | | | | | 9 |
| Average | 4.5 | 1 | 5.5 | 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 |
| 0801MA18MS01 | | | | | 3 | 1 | 3 | 1 | 4 | 1 | 10 |
| 0801MA18MS02 | | | | | 4 | 1 | 4 | 1 | 3 | 1 | 11 |
| Average | | | | | 3.5 | 1 | 3.5 | 1 | 3.5 | 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 | 3 | 2 | 3 | 2 | | 2 | | 3 | 1 | 3 |
| | CO 2 | 1.95 | 1.3 | 1.95 | 1.3 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| | CO 3 | 1.95 | 1.3 | 1.95 | 1.3 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| | CO 4 | 1.95 | 1.3 | 1.95 | 1.3 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| | CO 5 | 1.95 | 1.3 | 1.95 | 1.3 | | 1.3 | | 1.95 | 0.65 | 1.95 |
| Average | | 2.16 | 1.44 | 2.16 | 1.44 | | 1.44 | | 2.16 | 0.72 | 2.16 |

Target 2.38

Overall Attainment 1.71

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

Department of Applied Mathematics and Computational Science

Msc II Semester Jan June 2019

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) | | |
| 0801MA18MS01 | 10 | 1 | 10 | 1 | 11 | 1 | 10 | 1 | 10 | 1 | 51 |
| 0801MA18MS02 | 9 | 1 | 9 | 1 | 10 | 1 | 4 | 0 | 4 | 0 | 36 |
| Average | 9.5 | 1 | 9.5 | 1 | 10.5 | 1 | 7 | 0.5 | 7 | 0.5 | |

| | 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 | 1.5 | 1 | 1.5 | 1 | | 1 | | 1.5 | 1 | 1.5 |
| | CO 5 | 1.5 | 1 | 1.5 | 1 | | 1 | | 1.5 | 1 | 1.5 |

| | | | | | | | | | | | |
|--|-------------|-----|---|-----|---|--|---|--|-----|---|-----|
| | CO 3 | 1.5 | 1 | 1.5 | 1 | | 1 | | 1.5 | 1 | 1.5 |
| | CO 4 | 1.5 | 1 | 1.5 | 1 | | 1 | | 1.5 | 1 | 1.5 |
| | CO 5 | 3 | 2 | 3 | 2 | | 2 | | 3 | 2 | 3 |
| | | | | | | | | | | | |

| 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 | 2.55 | 1.7 | 2.55 | 1.7 | | 1.7 | | 2.55 | 1.7 | 2.55 |
| | CO 4 | 1.5 | 1 | 1.5 | 1 | | 1 | | 1.5 | 1 | 1.5 |
| | CO 5 | 1.95 | 1.3 | 1.95 | 1.3 | | 1.3 | | 1.95 | 1.3 | 1.95 |
| Average | | 2.4 | 1.6 | 2.4 | 1.6 | | 1.6 | | 2.4 | 1.6 | 2.4 |

Target 2.5

Overall Attainment 2

| | |
|---|-----------------------|
| Shri G.S. Institute of Technology and science,Indore | |
| Department of Applied Mathematics and Computational Science | |
| Msc II Semester Jan June 2019 | 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 |
| 0801MA18MS01 | 11 | 1 | 10 | 1 | 11 | 1 | 13 | 1 | 12 | 1 | 57 |
| 0801MA18MS02 | 10 | 1 | 9 | 1 | 11 | 1 | 5 | 0 | 4 | 0 | 39 |
| Average | 10.5 | 1 | 9.5 | 1 | 11 | 1 | 9 | 0.5 | 8 | 0.5 | |

| | CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 |
|--|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|--|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|

CO Attainment MST 2

| Enrollment No. | | | | | | | | | | | |
|----------------|-----|--|-----|--|---------|---|---------|---|---------|-----|-------|
| | CO1 | | CO2 | | CO3(05) | | CO4(05) | | CO5(05) | | Total |
| 0801MA18MS01 | | | | | 5 | 1 | 5 | 1 | 4 | 1 | 14 |
| 0801MA18MS02 | | | | | 4 | 1 | 4 | 1 | 1 | 0 | 9 |
| Average | | | | | 4.5 | 1 | 4.5 | 1 | 2.5 | 0.5 | |

| MST II | | | | | | | | | | | |
|-----------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | 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 | 1 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | | 1.5 |
| | | | | | | | | | | | |

| Final Attainment | | | | | | | | | | | |
|------------------|-------------|------|------|------|------|-----|------|-----|------|-----|------|
| | CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 |
| MA-94208 | CO 1 | 1.7 | 1.7 | 2.55 | 0.85 | | 1.7 | | 2.55 | | 2.55 |
| | CO 2 | 1.7 | 1.7 | 2.55 | 0.85 | | 1.7 | | 2.55 | | 2.55 |
| | CO 3 | 2 | 2 | 3 | 1 | | 2 | | 3 | | 3 |
| | CO 4 | 1.3 | 1.3 | 1.95 | 0.65 | | 1.3 | | 1.95 | | 1.95 |
| | CO 5 | 1 | 1 | 1.5 | 0.5 | | 1 | | 1.5 | | 1.5 |
| Average | | 1.54 | 1.54 | 2.31 | 0.77 | | 1.54 | | 2.31 | | 2.31 |

Target 2.29

Overall Attainment 1.76