

**Program Name:** Master of Science (M.Sc.) in Mathematics

**Program Code:** SC204

**Semester / Year :** 3/2

**Effective From Academic Year:** 2017-18

| Subject Code | Subject Name           | Credit | Hours per week |   |    |       | Theory (Marks)        |                       | Practical (Marks)     |                       | Total (Marks) |
|--------------|------------------------|--------|----------------|---|----|-------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
|              |                        |        | L              | T | P  | Total | University Assessment | Continuous Assessment | University Assessment | Continuous Assessment |               |
| 1SC2040301   | MEASURE THEORY         | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040302   | ALGEBRA-I              | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040303   | GENERAL TOPOLOGY       | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040304   | GRAPH THEORY-I         | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040305   | DIFFERENTIAL GEOMETRY  | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040306   | FINACIAL MATHEMATICS-I | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040307   | FUNCTIONAL ANALYSIS-II | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
| 1SC2040308   | MATHEMATICAL METHODS-I | 5      | 4              | 1 | -- | 5     | 60                    | 40                    | --                    | --                    | 100           |
|              | Total                  | 25     | 20             | 5 | -- | 25    | 300                   | 200                   | --                    | --                    | 500           |

**Note (If any):**

Subject 1SC2040308 is Compulsory and student can choose any four (4) subjects from 1SC2040301 to 1SC2040307.