

Department of Mathematics
Four Digits Course Numbering Scheme

Course Numbering Range (Last Two Digits):

- Core Mathematics of BTech or Special Courses 01 to 20
- Mathematics 21 to 49
- Probability and Statistics 51 to 59
- Finance 61 to 69
- Computer Science 71 to 89
- Minor Discipline Course 91 to 92
- Seminar Course 94 to 95
- Project/Thesis Course 97 to 99

For BTech M&C:

First Digit of Course Number: Year of Study

Also First Digit as 4 for Open Electives of BTech and Exclusive Department Elective for BTech

Second Digit of Course Number:

- 0 or 9 for Any Semester (Monsoon/ Winter) Full Course or Minor Discipline Course
- 1 for Monsoon Semester Full Course
- 2 for Winter Semester Full Course
- 3 for Monsoon Semester Pre-Mid Semester Half Course
- 5 for Monsoon Semester Post-Mid Semester Half Course
- 4 for Winter Semester Pre-Mid Semester Half Course
- 6 for Winter Semester Post-Mid Semester Half Course
- 7 for Any Semester (Monsoon/Winter) Pre-Mid Semester Half Course
- 8 for Any Semester (Monsoon/Winter) Post-Mid Semester Half Course

Minor programme (As suggested by the Institute):

Courses for Minor in Mathematics

- Semester-2: MA1092M Modern Algebra 3-0-0-6
- Semester-3: MA2091M Mathematical Statistics 3-0-0-6
- Semester-4: MA2092M Scientific Computing 3-0-0-6
- Semester-5: MA3091M Real Analysis 3-0-0-6
- Semester-6: MA3092M Differential Geometry 3-0-0-6

Masters Programme (MSc)

First Digit of Course Number for Masters Programmes:

- 4 for all Compulsory Courses of MSc
- 5 for all Compulsory Courses of MTech (Data Science)
- 5 for all Elective Courses (Preferably First Level) offered to BTech, MSc and PhD
- 6 for all Elective Courses (Preferably Second Level) offered to BTech, MSc and PhD

First Digit of Course Number for PhD:

- 6 for all Compulsory Courses of PhD
- 6 for all Elective Courses that are offered to BTech, MSc and PhD
- 7 for all Elective Courses offered only to PhD

Note: PhD students are not allowed to take the courses below Level-5. Courses of Level-5 or higher will NOT have supplementary exam.