

M.sc (Mathematics)

Ist Semester

MM 401 : Advanced Abstract Algebra -I

MM 402 : Real Analysis-I

MM 403 : Topology-I

MM 404 : Complex Analysis-I

MM 405 : Differential Equations-I

MM 406 : Practical-I

IInd Semester

MM 407 : Advanced Abstract Algebra -II

MM 408 : Real Analysis-II

MM 409 : Computer Programming Theory

MM 410 : Complex Analysis-II

MM 411 : Differential Equations-II

MM 412 : Practical-II

IIIrd Semester

MM 501 : Functional Analysis

Theory

MM 502 : Analytical Mechanics and Calculus
Of Variations

Optional Papers:

MM 503 : opt (i) Elasticity

MM 504 : opt (ii) Fluid Mechanics-I

MM 505 : opt (iii) Integral Equations-I

MM 506 : Practical-III

IVth Semester

MM 507 : General Measure and Integration

MM 508 : Partial Differential Equations

Optional Papers:

MM 509 : opt (i) Mechanics of solid-II

MM 510 : opt (ii) Fluid Mechanics -II

MM 511 : opt (iii) Mathematical Aspects of
Seismology

MM 512 : Practical-IV