

Scheme of Studies for Mathematics Department

BS -Mathematics

Semester 4th

Sr. No.	Course	Course Code	Credit Hours
1	Affine and Euclidean Geometry	MTH-402	3(3-0)
2	Mechanics –II	MTH-404	3(3-0)
3	Differential Equations-II	MTH-406	3(3-0)
4	Combinatorics	MTH-408	3(3-0)
5	Introduction to Psychology	PSY-322	3(3-0)
6	C++	MTH-410	3(2-1)

Semester 6th

Sr. No.	Course	Course Code	Credit Hours
1	Real Analysis-II	MTH-502	3(3-0)
2	Complex Analysis-II	MTH-504	3(3-0)
3	Algebra-II	MTH-506	3(3-0)
4	Mechanics	MTH-508	3(3-0)
5	Functional Analysis	MTH-510	3(3-0)
6	Mathematical Methods	MTH-512	3(3-0)

Semester 8th

Sr. No.	Course	Course Code	Credit Hours
1	Numerical Analysis-II	MTH-602	3(3-0)
2	Computing Tools for Mathematics	MTH-604	3(2-1)
3	Mathematical Statistics	MTH-606	3(3-0)
4	Fluid Mechanics-II	MTH-610	3(3-0)
5	Special Functons	MTH-614	3(3-0)
6	Theory of Optimization	MTH-608	3(3-0)