

DEPARTMENT OF MATHEMATICS (UG)

COURSE OUTCOMES

Sl.No.	Semester	Course code	Course	Course outcome
1	1	2114 1A	Differential equations	Knowledge of differential equations is useful in space research, Medical research and applied mathematics. Further it is a foundation for higher studies in Mathematics.
2	2	2114 1B	Solid geometry	Study of solid geometry enhances visualization of real geometrical structures to study their nature and properties.
3	3	2214 2A	Abstract algebra	As Abstract Algebra interlaces all branches of mathematics, the study of Abstract Algebra is imperative to develop mathematical skills and their applications. Further it is a foundation for higher studies in Mathematics.
4	4	2214 2B	Real analysis	The study of Real Analysis enhances the analyzing capacity of the student and helps to solve real life problems which are very complex logically. Further it shapes the thought process of the student.
5	5	2314 3A	Ring theory and vector calculus	As Abstract Algebra interlaces all branches of mathematics, the study of Abstract Algebra is imperative to develop mathematical skills and their applications. Further it is a foundation for higher studies in Mathematics.
6	5	2414 4A	Linear algebra	The study of linear algebra provides geometrical skills to understand and solve the complexity of problems in real life.
7	6	2314 3B	Numerical analysis	The study of Numerical Analysis develops the capacity of the student to solve numerical problems, reasoning and provides skills to solve problems in the Allied areas of Mathematics

8	6	2414 4B	Advanced Numerical analysis	The study of Advanced topics of Numerical Analysis provides exposure to the students to know about the latest developments and to keep abreast of new findings in Numerical Analysis.
9	6	2414 5B	Special functions	The study of special functions, which are very very complex provides the students to understand very very complex functions. This knowledge will develop a rare insight of the student.
10	6	2414 6B	Project work	Preparation of the writing projects in Mathematics will inspire the students to study the fascinating areas of the mathematics with the deep understanding. Further it provides knowledge to the students in writing a project in Mathematics.