

Department Of Mathematics
Course Outcomes (COs)

B.Sc. Part II Mathematics (Introduced in the year 2019)

Semester III

Differential Calculus: (DSC -1003C)

CO No.	On completion of the course, student will be able to:
CO1	Calculate the different problems by using Jacobian
CO2	Make use of concept of derivative to study different curves geometrically
CO3	Identify a asymptote of function and sketch the graph of the function
CO4	Make use of vector differentiation to study various physical phenomenon

Integral Calculus(DSC -1003C)

CO No.	On completion of the course, student will be able to:
CO1	Solve improper integral by using beta and gamma function
CO2	Use double and triple integration to find the area, volume of the given region
CO3	Acquire the information about beta, gamma function
CO4	Find Fourier series expansion of the given functions.

Semester IV

Discrete Mathematics (DSC -1003D)

CO No.	On completion of the course, student will be able to:
CO1	Aware with different mathematical structure
CO2	Familiarize with basic concept of graph theory
CO3	Formulate Recurrence relations to solve problems involving an unknown sequence
CO4	Learn Boolean Algebra terms and apply to solve various circuit problem


Semester IV

Integral Transforms (DSC -1003D)

CO No.	On completion of the course, student will be able to:
CO1	Familiar with different kinds of integral transformation

CO2	Make use of the transformation to solve differential equations
CO3	Determine Fourier transform, relation between Laplace and Fourier transform
CO4	Explain the applications of special functions




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