YashwantraoChavan College of Science, Karad
Department of Mathematics

Course Outcomes (CO) as per Blooms' Taxonomy	
B. Sc. – II	
Course Name	**Course Outcome (CO)**
	Upon successful completion of the course, students will be able to:
Elements of Differential Equations	**CO1. Identify** types of higher order ordinary differential equations.
	CO2. Solve different types of higher order ordinary differential equations
	CO3. Understand geometrical interpretation of simultaneous and total differential equations
Numerical Methods	**CO1. Find** numerical solutions of algebraic, transcendental and system of linear equations.
	CO2. Learn about various interpolating methods to find numerical solutions.
	CO3. Find numerical solutions of integration and ODE by using various methods
	CO4. Apply various numerical methods in real life problems.
Vector Calculus	**CO1. Understand** and evaluate the concepts of gradient, divergence and curl of point functions in terms of Cartesian co-ordinate system.
	CO2. Understand and evaluate different types of line, surface & volume integrals and the two integral transformation theorems of Gauss and Stokes.
Integral Calculus	**CO1. Understand** special functions.
	CO2. Understand types of multiple integrals
	CO3. Apply special functions in applications.
	CO4. Apply multiple integrals in real life problems

HEAD
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Principal
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