

Department of ME	
B.Tech - I-Year	
CO	Subject Name -CO Statements
C101: <b>Mathematics -I</b>	
CO#	Student will be able to
<b>C101.1</b>	Student will be able to identify the type of differential equation and uses the right method to solve the differential equation.
<b>C101.2</b>	Student will be able to write the matrix representation of a set of linear equation sand to analyze solutions of system of equations.
<b>C101.3</b>	student will be able to solve the Eigen values and Eigen vectors which come across under linear transformations
<b>C101.4</b>	student will be able to solve the extreme values of functions of two variables with/ without constraints
<b>C101.5</b>	student will be able to form the partial differential equations and solving the first order equations.
<b>C101.6</b>	student will be able to solve higher order DE's and apply them for solving some real world problems.