Course Title	**Linear Algebra**
Course Code	**MS-153**
Credit Hours	3
Category	Math & Science Foundation
Prerequisite	None
Co-Requisite	None
Follow-up	None
Course Description	Algebra of linear transformations and matrices. determinants, rank, systems of equations, vector spaces, orthogonal transformations, linear dependence, linear Independence and bases, eigenvalues and eigenvectors ,characteristic equations, Inner product space and quadratic forms
Text Book(s)	Elementary Linear Algebra by Howard Anton.
Reference Material	Linear Algebra and its Applications by Gibert Strang.