

Equivariant Cohomology and Equivariant Intersection theory - I  
V.Uma, IITM

**Abstract:** In these talks we shall briefly introduce classical equivariant cohomology followed by the more recent topic of equivariant intersection theory. We shall apply this tool to obtain descriptions of cohomology and Chow rings of certain manifolds with group actions for example toric varieties and flag manifolds.

**Pre-requisites :**  
Familiarity with contents of the previous talks.