MTH 309 DISCREET MATHEMATICS: (4 Units) (L45:PO:T15)
Groups and subgroups; Group Anioms, Permutation Group, Cosets, Graphys; Directed and undirected graphs, subgraphs, cycles, connectivity, Application (flow Charts) and state transition graphs; lattics and Boolean Algebra, Finite fields: Minipoly-nomials. Irreducible polynomials, polynomial roots, Application (error-correcting codes, sequences generators). MTH -201, 202, 308

