

Course Name: Abstract Algebra

Course outcomes:

Upon successful completion of the course,

- Students will acquire the basic knowledge of the concepts of sets, relations and mapping
- Students will be familiarise with the basic concepts of Group theory and subgroups.
- Students with gain basic knowledge of the concepts of rings, integral domains, zero divisors, sub-rings and sub-fields.
- Students will demonstrate knowledge and understanding of the basic concepts of vector spaces and real quadratic forms.