ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM
B.Sc Mathematics Syllabus 2020-21 A.Y
ABSTRACT ALGEBRA
Semester-III

Course Outcomes:

After successful completion of this course, the student will be able to;

➢ Acquire the basic knowledge and structure of groups, subgroups and cyclic groups.

➢ Get the significance of the notation of a normal subgroups.

➢ Get the behavior of permutations and operations on them.

➢ Study the homomorphisms and isomorphisms with applications.

➢ Understand the ring theory concepts with the help of knowledge in group theory and to prove the theorems.

➢ Understand the applications of ring theory in various fields.