SUBJECT NO-MA51108, SUBJECT NAME- Advanced Complex Analysis
LTP- 3-1-0,CRD- 4

SYLLABUS :-

Prerequisite: voidReview of functions of complex variables including complex integrals. Mapping by elementary functions and transformations. Residue and poles and its applications to solve improper/proper integrals. Conformal mapping and its applications. Entire and meromorphic functions, growth of entire functions. Univalent functions and their geometric aspects.