SUBJECT NO-MA51109, SUBJECT NAME- Computational Statistics
LTP- 3-1-0,CRD- 4

SYLLABUS :-

Prerequisite: Probability and StatisticsAnalysis of Variance, one-way and two-way classification, Concept of design of experiment. Some standard designs: completely randomized design, randomized block design, Latin Squares, Graeco Latin Squares, and factorial designs, confounding and blocking in factorial designs, fractional factorial designs. Simple and multiple regression models. Classical techniques of time series analysis, smoothing and decomposition. Analysis of covariance model.