

SYLLABUS :-

Mechanical Operations experiments: Ball mill performance, roll crusher performance, performance of different types of classifiers, jaw crusher performance, determination of permeability, sampling, solid feeders performance, grindability tests. Heat Transfer experiments: Thermal conductivity of metal rod, overall heat transfer co-efficient in a vertical condenser, natural convection, critical heat flux, overall heat transfer co-efficient in horizontal condenser, heat transfer co-efficient in double pipe heat exchanger, composite wall.