

SYLLABUS :-

Liberation and Communiton, Liberation- concept and importance; Communiton-Theories, circuits, crushing and grinding equipment; Laws of crushing of industrial mills; Sizing- Laboratory sizing techniques and interpretation of sizing data, Industrial screen; Classifier and thickeners â Theories, principles, types, characteristics and performance; tabling, zigging, floatation, magnetic and heavy media separation; ore sorting; electronic separation; floatation- Theories, techniques, performance, selective flocculation and agglomeration; Performance and evaluation of concentration process; solid-liquid separation- filtration, dewatering and drying; coal washing- Plant practices, flow sheet for fuel and non-fuel minerals.