

PMN7J003

MineralEconomics

3-0-0

Module-I:

Overview of the mineral industry in India: characteristics and special problems related to mining, Domain of Mineral Economics, Mine productivity concepts, principles and calculations, Mine Organization. Special considerations for strategic minerals, Indian National Mineral policy

Module-II:

Conceptofresourceandreserve, Oreserves:classificationandestimation.Differenceof tenor,gradeandspecificationsofore,Mineralsamplingtechniquesandoregradecontrol. Samplesaltinganderrorinsampling,Conceptsofstrategicmineral

Module-III:

MineValuation-Differentmethods,Depreciation,AmortizationandRedemptionofcapital, lifeandpresentvalueofamine.FinancialManagement-Methodsofframingandfinancing industrial enterprises, Memorandum and articles of association, shares, debentures, dividendsandinterest.Breakevenchartandinventorycontrol

Module-IV:

InvestmentDecisions-discountedcashflowmethods,non-discountedcashflowmethods, advantages and disadvantages of them, Internal rate of return, Net PresentValue. Book Keeping,PreparationofBalancesheet,ProfitandLossAccount