

**Professional Development Course on “Stability of Slopes and Waste Dumps in Surface Mines”
21-22 January 2017**

Table 1: Details of lectures engaged by in house faculty

S. No	Name of Faculty	Topic
1	Prof A K Agarwal	Slope Stability Fundamentals
2	Prof. R D Lokhande	Interpretation of Rock Properties
3	Prof S.S.Gupte	Elements of Slope Stability Analysis
4	Prof. R.R. Yerpude Prof. I.L.Muthreja	Slope stability analysis : computer applications
5	Prof. I.L.Muthreja	Stability of Waste Dumps
6	Prof. R.R. Yerpude	Slope monitoring and stabilization
7	Prof. I.L.Muthreja Prof. R.R. Yerpude	Practical session

One week workshop on “Mining Excavations in Difficult Ground Conditions: Issues & Challenges” from 9th – 13th July 2018

Table 2: Details of lectures engaged by in house faculty

S. No	Name of Faculty	Topic
1	Dr. A. K. Agarwal	Characterization of Rock Mass
2	Dr. R. D. Lokhande	Advance Support System and Support Design
3	Dr. A. K. Agarwal	Fundamentals of Slope Stability
4	Dr. R. R. Yerpude	Slope Stability Analysis in Opencast Mines
5	Dr. I. L. Muthreja	Underground Mechanical Excavations
6	Dr. R. R. Yerpude	Slope monitoring and stabilization techniques
7	Dr. R. D. Lokhande	Study of Strata Behavior For Underground Mining
8	Dr. R. D. Lokhande	Trough and Pot hole subsidence
9	Prof. N. R. Thote	Role and Application of Rock Mechanics in Blasting Mechanism

One week workshop on “Application of Rock Mechanics in Excavation” from 10th – 14th May 2021

Table 3: Details of lectures engaged by in house faculty

S. No	Name of Faculty	Topic
1	Dr. A. Kher	Characterization of Rock
2	Dr. R. D. Lokhande	Estimation of RMR and Support Design
3	Dr. N. Sirdesai	Estimation of Rock Mass Strength using Intact Rock Properties and Geological Conditions
4	Dr. A. Kher	Fundamentals of Slope Stability
5	Dr. R. R. Yerpude	Slope Stability Analysis Methodology in Surface Mines
6	Dr. I. L. Muthreja	Aspects of Underground Mechanical Excavations: Special reference to rock cutting Principles and Methods
7	Dr. R. D. Lokhande	Instrumentation and Monitoring for Underground Mining
8	Dr. R. D. Lokhande	An Investigation of Sinkhole Subsidence and its Risk Assessment