

Training Course on Alumina Making for Non- Executives of Alumina Refinery at JNARDDC, Nagpur

Technical Session: (Day 1)

1.	Bauxite Types and Characteristics
2.	Bayer Process for Alumina Production
3	Available Alumina, Reactive Silica and Bond work index Determination
4.	Desilication and Digestion in Bayer Process
5.	Settling and Washing of Red mud in Bayer Process
6.	Lab Visit: Bauxite sample preparation, Available alumina, Pre-desilication & digester set-up

Technical Session: (Day-2)

7.	Factors affecting Desilication and Precipitation Technology
8.	Advances in Alumina Technology
9.	Red mud Disposal Practices in India and World
10.	Advances in equipment in Bayer Process
11.	Lab Visit for showing Mud Settling & Precipitation set up

Technical Session: (Day 3)

12	Alumina smelting Fundamentals - I
13	Use of Thermography for Preventive Maintenance Schedule
14	Special Alumina & its application
15	Lab Visit & Demo of Infrared Thermography
16	Valedictory Session