

## **AMR-16 PRINCIPLES OF METAL EXTRACTION AND REFINING**

1. Sources of raw material.
2. Introduction of mineral dressing:
3. Communication, tabling, jigging & flotation.
4. Principles of pyrometallurgy- roasting, agglomeration,
5. Smelting, refining & secondary refining
6. Principles of hydrometallurgy, electrometallurgy
7. Extractive metallurgy of aluminum, copper and zinc

### **Reference Book:**

1. Principles of Extractive Metallurgy, H. S. Ray & A. Ghosh