

**UNDER GROUND COAL MINING**

**Module-I:**

Coal Mining: Selection of mining methods, classification of method of coal mining. Pillar Mining Method: Panel system of working, incubation, period, Relation between depth of deposit & size of pillar, percentage of extraction, Man- power calculation, Productivity calculation, Application, development & extraction by B&P Method of mining, Depillaring.

**Module-II:**

Long wall Mining Method: Classification, Application on Development and extraction, face mechanization, Power support.

**Module- III:**

Horizon Mining, Contiguous Mining. Application & Layout

**Module-IV:**

Mining equipment and production machine used below ground. Stowing and Filling Methods, gathering and transportation arrangements, stowing plants and layout. Provision of CMR 1957.