

SYLLABUS :-

Life cycle of coal, coal characterization, classification system of coal, rank and grade of coal, Coal washing: Objectives and Techniques; Clean coal technology: Definition and Objectives, Technology Options; Pre-combustion, Combustion, Post Combustion and Conversion CCTs. Coal combustion options: FBC, IGCC, co-generation options, Sequestration options: Capture and storage of CO<sub>2</sub>, Coalbed Methane Recovery and utilization, Coal Gasification (In-situ and surface Gasification), Coal to Liquid Technology.