

SYLLABUS :-

Basic concepts, compression processes, Compressor types, inter-coolers, after-coolers and receivers, valves, transmission of compressed air through pipeline
Fundamentals of hydraulic transmission, hydraulic fluids, hydraulic pumps-
fixed and variable displacement types, pressure, flow and direction control
devices, hydraulic power cylinders and motors, hydraulic servo systems,
hydraulic circuits and their applications in excavation and heavy earth moving
machinery.