



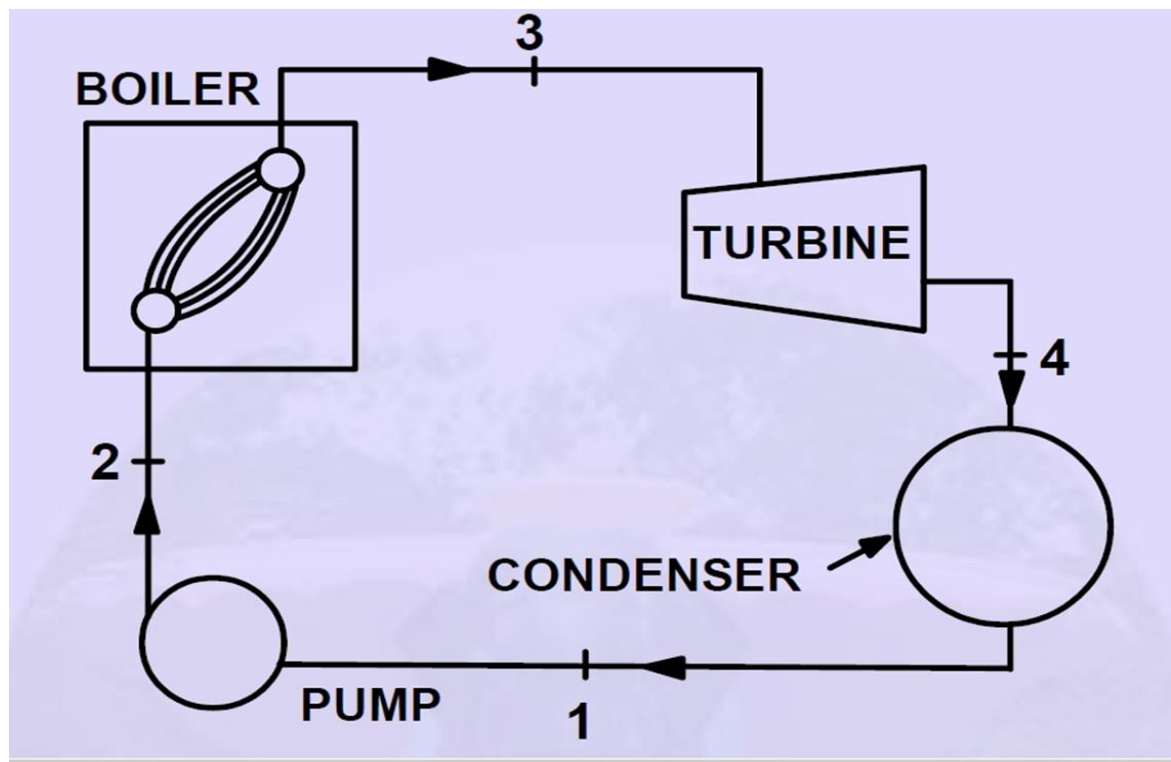
Daffodil international University
Department of Electrical & Electronic Engineering
Course Code: EEE 450
Course Title: Power Plant Engineering Lab

Experiment 02

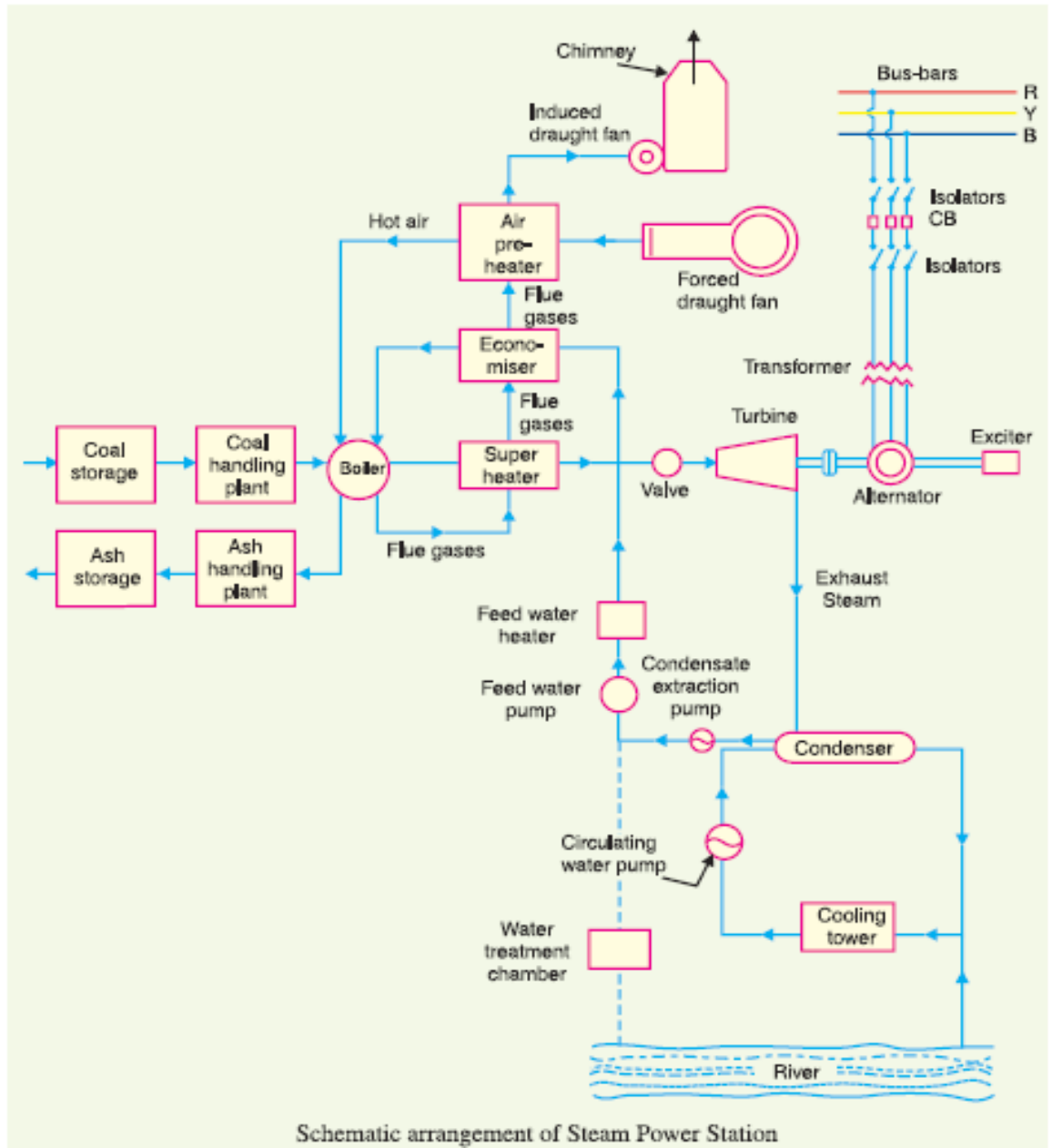
Study of Steam/Thermal Power plant and its working principle

Objective: To gain exposure to actual steam power plant systems and its operation.

Background: All steam power systems are based upon the simple ideal Rankine cycle which is shown below:



Schematic Arrangement:



Procedure:

1. Tour the power plant and complete Worksheet I. This is to be done on an individual basis.
2. During your regular lab session your course teacher will introduce you to the RANKINE program. Complete Worksheet II. This is to be done with your regular sub-group.