

Kerala Technological university KTU First year B.tech Syllabus  
for **CH110Chemical Engineering Workshop**

**Course No. : CH110**

**Course Name: Chemical Engineering Workshop**

**L-T-P-Credits: 0-0-2-1**

**Year of Introduction: 2015**

**Course Objectives,Syllabus:**

To impart in students the basic knowledge in chemical engineering through simple experiments and demonstrations.

**List Of Exercises / Experiments (Minimum Of 8 Mandatory)**

Preparation of soap

Determination of flash and fire point

Preparation of Biodiesel

Specific gravity measurement

Fabrication of FRP laminates/ Study of filtration equipments

Study of distillation column

Study of absorption column

Study of heat exchanger

Study of size reduction equipments

Preparation of Pigment

Expected Outcome:

Students will have a thorough understanding of the basic concepts that they learn in the theory paper “Introduction to Chemical Engineering”.