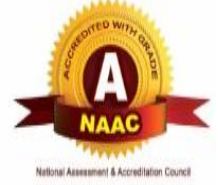




**SETHU INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institution| Accredited with 'A' Grade by NAAC)  
PULLOOR, KARIAPATTI – 626 115.



## DEPARTMENT OF CIVIL ENGINEERING

**Course Code and Name: 19UCE309 – Surveying Laboratory**

### **Activity Supports Employability/Entrepreneurship/Skill Development**

The following activity is conducted for the Surveying Laboratory course to support Employability, Entrepreneurship and Skill Development of Students.



Theodolite is an instrument for measuring both horizontal and vertical angles, as used in triangulation networks. This activity in our course delivers the knowledge about the measurement of horizontal included angle between several points and vertical angle of various points. By measuring these angles, we can easily calculate the area of a particular plot and can

find out the height of immeasurable things like electrical towers, tall buildings, small hills etc,

This knowledge will help the students in their working environment and they can use these concepts for surveying while working in a company. They can also be an Entrepreneur by starting their own concern as a surveyor.

**Course Instructor**  
**Mr.R.Karuppasamy AP/Civil**

**HOD/Civil**