

## LECTURE 5

### **Reconnaissance:**

- This is an exhaustive preliminary survey of the land to be surveyed. It may be either ground reconnaissance or aerial reconnaissance survey.
- Reconnaissance is made on arrival to site during which an overall picture or view of the area is obtained. The most suitable position of stations is selected, the purpose of the survey and the accuracy required will be drawn, and finally the method of observation will be established.

### **Objectives of reconnaissance**

1. To ascertain the possibility of building or constructing route or track through the area.
2. To choose the best one or more routes and record on a map
3. To estimate probable cost and draft a report.

The basic principles and process surveying

Introduction

So far , we have discussed the meaning, object and major classifications of surveying. Now let us move further to discuss the basic principles and process of surveying.

objectives.

- To enable students understand the basic principles of surveying.
- To expose the students to the process of surveying.