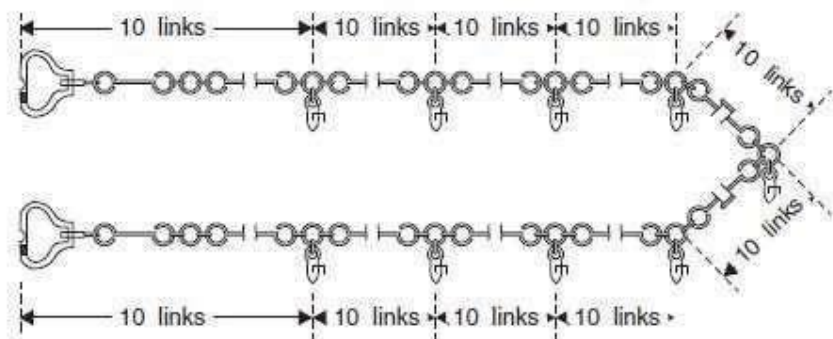


TEACHING LEARNING MATERIAL

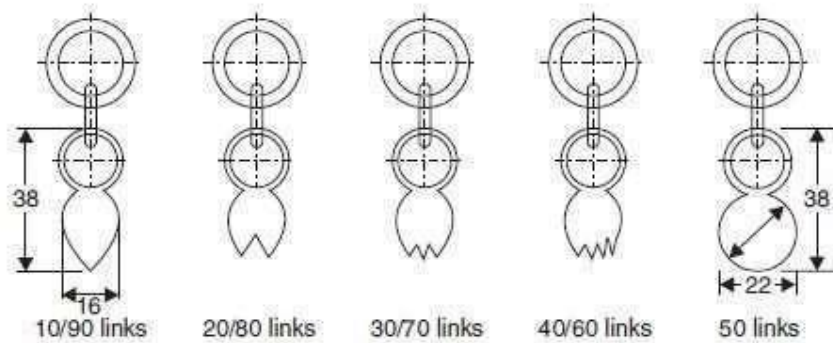
GANDHI SCHOOL OF ENGINEERING, BHABANDHA

BRANCH- CIVIL ENGINEERING
SUBJECT- LAND SURVEYING-I
SEMESTER- 4TH

PREPARED BY- Er. ALOKA RANJAN SAHU
& Er.SWADHIN MUND



(a)



(b)

Fig. 12.1. Chain

Folding of Chain



Steel Band or Band Chain



Instruments used in linear measurement



Chain Survey



Tape



Arrows



Ranging rods

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Surveyor Compass.



Prismatic Compass Survey

Prismatic Compass Survey Vs Surveyor Compass. | Least Count of Prismatic Compass & Surveyor Compass

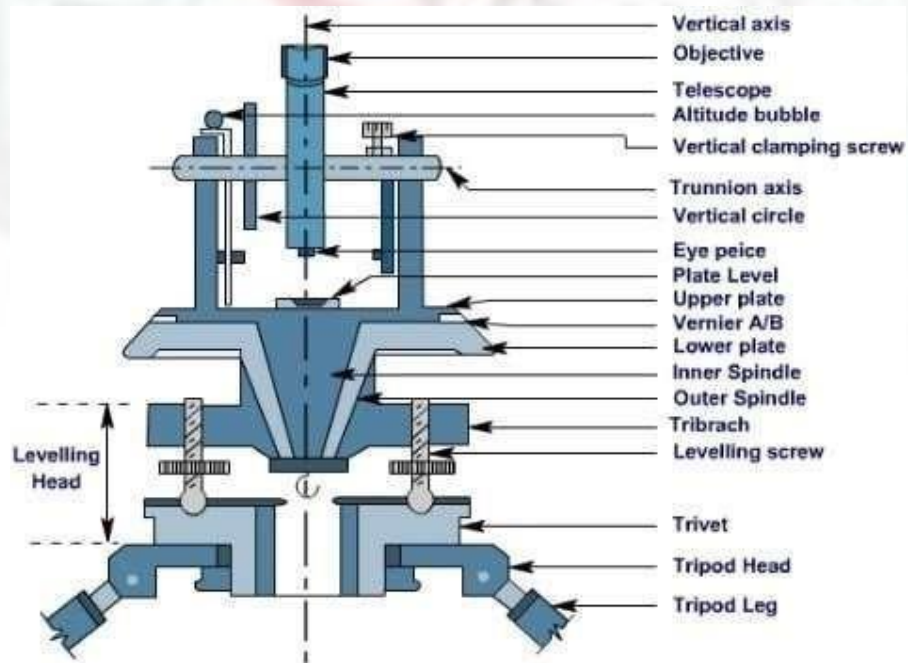
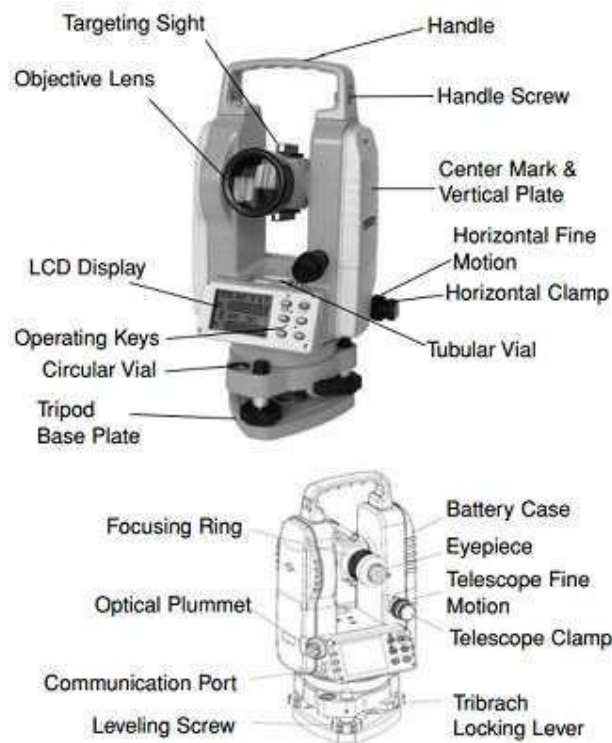
Equipments and Accessories for Plane Tabling

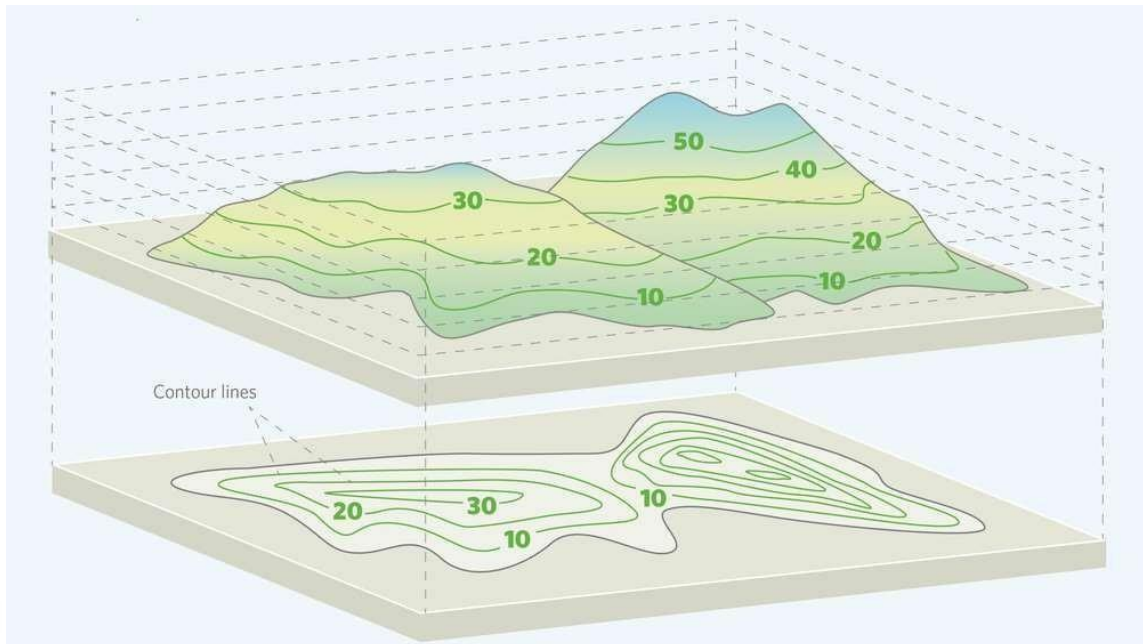
The following instruments are used in plane table surveying.

Equipments

- Plane Table
- Tripod
- Alidade







The study of the land's surface shape, including hills, mountains, valleys, rivers, and craters. These features make up an area's terrain.

