Date :- 29 - JUNE - 2020   Sindhu. S

Course :-   IT RS   AAL18ECOA9

                                           4th sem,-A' Sec

- Introducing photogrammetric Concepts.

→ Topographic Map :- Seen Vertically form above
        → Orthogonal projection
        → Uniform Scale
        → abstract representation

→ Aerial photo :→ taken from an aircraft to show
        → Central projection   object
        → Variable scale
        → Real Represation   gramma

- photogrammetry :- light to draw to
                              ↓ Measure
    Quantitative analysis   photo
        of Measurements   ↓
        └→ Distinct Areas   Metron
    1. Metric photogrammetry
    2. Interpretative photogrammetry
              • photographic interpretation

• Remote Sensing.

* Branches of photogrammetry
    → Based on platform
    1. Ground Based
    2. UAU / drone based
    3. Aerial photogrammetry
    4. Satellite photogrammetry.

    → Based on processing techniques
    1. Analogue system
    2. Degital System

    Types of aerial photograph.
1) Verticle
2) Low oblique
3) High oblique
    • Scale of Aerial photograph
    • Before
            $RF = MD / GD$.
    • on photograph
            $RF = PD / GD$

Parallax :-

$$\text{Height of object} = \frac{H \cdot dp}{?+dp}$$

H = height of aircraft above ground
p = absolute parallax.
dp = deffrential parallax