DAILY ASSESSMENT FORMAT

Date:	29-06-2020	Name:	BINDUSHRI
Course:	Satellite photogrammetry and its application	USN:	4AL17EC011
Topic:	photogrammetry		6th A
Github Repository:	Bindushri		

FORENOON SESSION DETAILS

Science of quantitative analysis of measurements from photographs.

Branches of Photogrammetry

- Ground con platform:
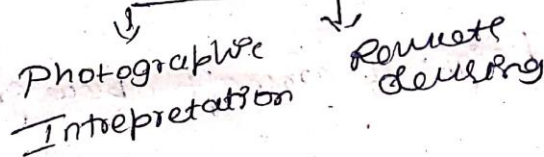 - → Ground Based
  - → UAV/drone Based
  - → Aerial photogrammetry
  - → Satellite photogrammetry

Distinct Areas

Metric & interpretative photogrammetry.

Photographic Interpretation | Remote sensing

Based on Processing

1) Analogue
2) Analytical System
3) Digital Syst.

Basic Concept

* the primary objective of the technique is to derive precise co-ordinates of a point.

* This is done by viewing the area from two different angles, there by recreating the same conditions as it existed at the time of photograph

*Displacement Due to TILT

~~An equivalent vertical proto~~ photograph is an

✶ stereo scopic parallel axis

~~ex:-~~ Apparent shift in the position of object due
to shift in the position of observation
is called parallax

Parallax

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

H = height of aircraft above ground.

✶ geometry of object is distorted → This is not aerial photo

~~✶ position of point of~~

✶

$$\times — \times \longrightarrow$$