

DAILY ASSESSMENT FORMAT

Date:	29 JUNE 2020	Name:	HARSHITHA H
Course:	IIRS Outreach program on Satellite Photogrammetry and its Applications	USN:	4AL18EC020
Topic:	Introducing Photogrammetric concepts	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

Image of session

The screenshot shows a YouTube video player interface. The video title is "29 June 2020_Introducing Photogrammetric Concepts by Dr. Poonam S. Tiwari" and it has 6,776 viewers. The channel is "EDUSAT IIRS Dehradun". The video content is a presentation slide titled "BRANCHES OF PHOTOGRAMMETRY" from the Indian Institute of Remote Sensing, Dehradun. The slide lists the following branches based on platform:

- Ground Based (Close Range Photogrammetry)
- UAV/drone based (Close Range Photogrammetry)
- Aerial Photogrammetry (Far Range Photogrammetry)
- Satellite Photogrammetry (Far Range Photogrammetry)

The slide includes three diagrams: a "Terrestrial" diagram showing a camera's field of view and coordinate system (x, y, z) with a point (xh, yh); an "Aerial" diagram showing a camera mounted on a plane; and a "Satellite" diagram showing a camera mounted on a satellite in orbit. The video player shows 1.1K likes and 12 comments.

REPORT:

IIRS OUTREACH PROGRAM ON SATELLITE PHOTOGRAMMETRY AND ITS APPLICATIONS

Introducing Photogrammetric concepts

- **Topographic map**
 - **Orthogonal position**
 - **Uniform scale**
 - **Abstract representation**
- **Aerial photo**
 - **Central projection**
 - **Variable scale**
 - **Real representation**
- **Quantitative analysis**
 - **Metric photogrammetry**
 - **Interpretative photogrammetry**
- **Branches of photogrammetry**

Based on platform:

- **Ground based**
- **UAV/Drone based**
- **Aerial photogrammetry**
- **Satellite photogrammetry**

Based on processing techniques:

- **Analog system**
- **Digital system**