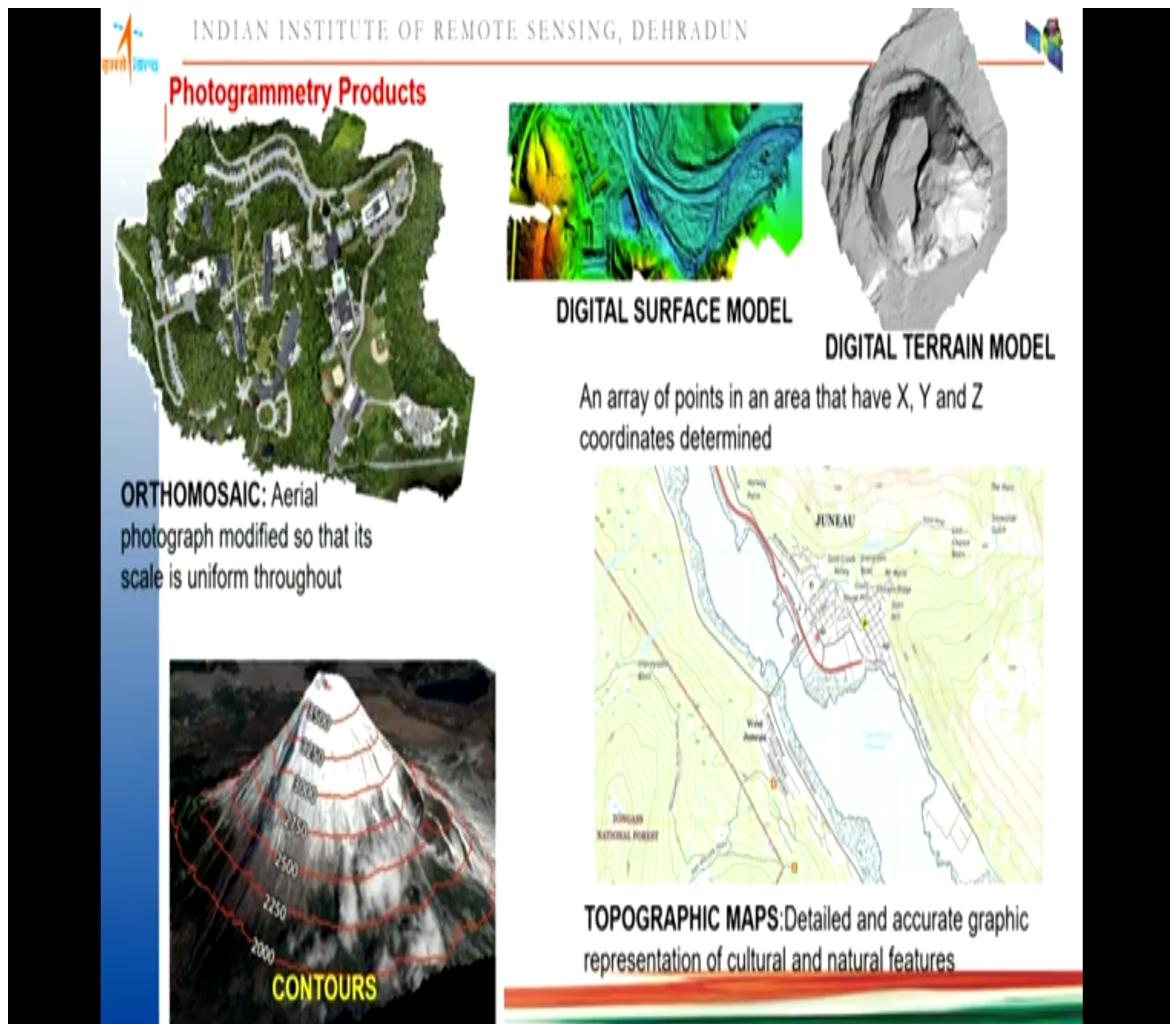


# NoDAILY ASSESSMENT FORMAT

Date:	29-06-2020	Name:	Abhishek
Course:	Satellite Photogrammetry and its Application	USN:	4al17ec001
Topic:	Introduction to Photogrammetry	Semester & Section:	6 & 'A'
Github Repository:	Abhishek-online-courses		

## SESSION DETAILS

### Image of session



## Report –

### Photogrammetry

- Photogrammetry is the science of making measurements from photographs.
- The input to photogrammetry is photographs, and the output is typically a map, a drawing, a measurement, or a 3D model of some real-world object or scene.
- Many of the maps we use today are created with photogrammetry and photographs taken from aircraft.
- Photogrammetry can be classified several ways but one standard method is to split the field based on camera location during photography.
- On this basis we have,
  - ✓ Aerial Photogrammetry
  - ✓ Terrestrial (or Close-Range) Photogrammetry.
- In **Aerial Photogrammetry**, the camera is mounted in an aircraft or a satellite and is usually pointed vertically towards the ground.
- Multiple overlapping photos of the ground are taken as the aircraft flies along a flight path.
- In **Terrestrial and Close-range Photogrammetry**, the camera is located on the ground, and hand held, tripod or pole mounted.
- Usually this type of photogrammetry is non-topographic - that is, the output is not topographic products like terrain models or topographic maps, but instead drawings, 3D models, measurements, or point clouds.

