

Date - 1/1/2020

Course - IIRS

Topic - Digital
Photogrammetry.

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Sem - IV sem.

Report:

- + Digital photogrammetry workflow-
 - 1) enable stereo viewing
 - 2) measuring capability
 - 3) Workstation with appropriate processing & storage capabilities
- + Software requirements
 - 1) Handling image display
 - 2) measurement
 - 3) Determination of orientations
 - 4) Transformation
 - 5) Image processing function
 - 6) Digital Rectification
 - 7) Visualization.
- + Advantages of imaging from space :
 - 1) Synoptic view
 - 2) large Swath. repetivity
 - 3) Constant scale
 - 4) Stable radiometry
 - 5) Negligible internal distortion