

Date - 30/6/2020

Course - IIRS

Topic - Stereo-

photogrammetry

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### Report:

\* Parallax -

Apparent shift in the position of object

\* Method of judging depth  $\Rightarrow$

1) Monoscopic

2) Stereoscopic

\* Monoscopic method

1) Relative size of objects

2) Hidden objects

3) Shadows

4) Difference in focusing of eye.

\* Stereoscopy is based on stereoscopic / binocular vision.

\* Three basic types of stereoscope -

Pocket

mirror

Scanning

\* Methods of stereo display in digital environment

1) Split screen view

2) Anaglyph viewing

3) Separation by polarisation

4) Alternating images

\* Stereophotogrammetry