**DAILY ASSESSMENT FORMAT**

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| **Date:** | **30/06/2020** | **Name:** | **Nichenametla Bhargavi** |
| **Course:** | **IIRS** | **USN:** | **4AL17EC061** |
| **Topic:** | **Concepts of Stereophotogrammetry** | **Semester & Section:** | **6th Sem A sec** |
| **Github Repository:** | **Bhargavi\_Nichenametla** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report – Report can be typed or hand written for up to two pages.**  **Stereo photogrammetry:**   * Stereophotogrammetry is the general team applied to the science of measurement from photographs when an overlapping stereopair of photograph is used. * In contrast to single photographs which can only extract 20 information . Stereophogrammetry allows 3D information to be extracted. * An overlapping stereopair is a pair of photographs on which the same object or area of terrain is pictured ,but from different views or perspectives.   **Anaglyph viewing:**   * About 3D view * Multiple glasses are fitted * We can get 3D model easily   **Separation by polarization:**   * Light can be defined in term of practical and also waves * Vibrates: Non polarized * Doesn’t vibrate :Polarized   **Alternating images:**   * Right and left images are differentiated using shutters * Rotation matrix   **Collinearity Condition:**   * The points will be in a straight * The image should be perfectly oriented   **Coplanarity Condition:**   * The exposure stations lie on same plane.   **Orientation of stereoplane:**   * Recreate the same condition as existed at the time of photography. |