Dear Coordinator,

Assignment of 61st IIRS Outreach Programme on "Satellite Photogrammetry and its Application" is scheduled from 10th August -16th August 2020.

Date of Assignment Submission: Start from 10th August from 1000 HRS

Date of Assignment Closing: 16th August Till 1700 Hrs

Date of Assignment Submission Mode of Submission: ONLINE Only

Assignment Submission URL: [https://elearning.iirs.gov.in/](https://elearning.iirs.gov.in/)

Username & Main login Password: Allotted to participants during registration, if they do not receive password they can reset from [https://elearning.iirs.gov.in/mdl/login/forgot_password.php](https://elearning.iirs.gov.in/mdl/login/forgot_password.php)

Instruction for Participants

Dear Participants,

The maximum word limit can be around 1500-2000 words or 5~6 pages based on the topics given below (any one topic). Please specifically mention that if the information or content is taken from any reference then proper acknowledgement has to be given. This assignment is applicable only for working professional other participants have to appear in the online examination. Please submit all the assignment is single word document /pdf.

List of Assignments (Any one topic):

1. Derive the formula for scale of vertical photograph to highlight that scale varies across the image.
2. Explain the concept of parallax. State how we observe parallax in real life scenario. Also highlight how the concept is used in photogrammetry.
3. Give a brief description of stereo-viewing in digital photogrammetry
4. What is DEM? State the products and uses of DEM
5. Describe the Differential GNSS procedure in details with respect to cases:
   a) with 2 Geodetic receivers,
   b) with 3 Geodetic receivers.
6. Explain the IRNSS objectives and constellation.
7. Explain the advantages of ortho-rectification. Are you correcting relief displacement due to high relief protruding objects when generating an orthoimage or not? Explain.

Note: No request will be accepted if you missed to submit the assignment