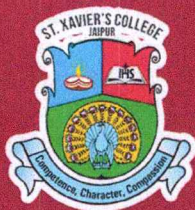


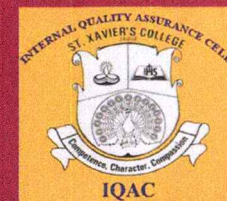


7.1.2 (D) GLOBE PROJECT



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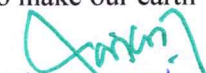
St. Xaviers College Jaipur & NASA GLOBE Project

The GLOBE Observer citizen science app allows volunteers to take several different kinds of data using their cell phones, and join the Global Learning and Observations to Benefit the Environment (GLOBE) community. In order to track environmental changes and further Earth system science research, the data are used in several initiatives. Scientists can access the resulting open data collection through the GLOBE Program.

In order to close data gaps in the GLOBE database and reach a wider audience with the educational advantages of the GLOBE Program, GLOBE Observer was established. St. Xaviers College Jaipur is also involved in working under GLOBE from 2019. Under this umbrella, the college analysed quality of water of Nevta Dam, Nevta village. Other areas of work are Nevta pond and some nearby villages. For analysing the quality of water two basic parameters were used like pH and Total Dissolved Solids (TDS). The group had also checked the regular temperature change and humidity under this project.

Under this GLOBE Scheme, the college is updating the weather report by submitting NASA Globe Clouds Team's linkage of satellite data and cloud observations. The parameters under this study used namely temperature and humidity. Through the examination of these data in conjunction with the UV INDEX and additional parameters, scientists are able to acquire a thorough grasp of atmospheric dynamics.

The work is still going on. St. Xavier's College Jaipur will provide its arm to gather knowledge through this GLOBE scheme to make our earth better for future generations.


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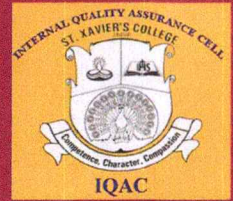


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PROOFS

The screenshot shows the GLOBE PROGRAM SCIENCE Data Entry website. The user is logged in as Ligimol Louis. The page features a banner for the new Data Entry system for Atmosphere and Hydrosphere protocols, with a 'Use New Data Entry' button. Below the banner, there are sections for 'My Bookmarks' and 'My Organizations and Sites'. The 'My Organizations and Sites' section lists two organizations: 'St Xavier's College, Nevta' and 'St. Xavier's College Jaipur', which is circled in red. The 'St. Xavier's College Jaipur' entry includes its latitude, longitude, and elevation.

THE GLOBE PROGRAM SCIENCE Data Entry English Welcome Ligimol Louis

Try GLOBE's new Data Entry system for Atmosphere and Hydrosphere protocols!

Use New Data Entry

Short tutorial (pdf). More information is available->

My Bookmarks

You have not bookmarked any investigations yet. Expand the organizations and click the stars next to the investigations to create a bookmark.

My Organizations and Sites

- St Xavier's College, Nevta ORG_ID: 62004374 Add site
- St. Xavier's College Jaipur Latitude 26.805155, Longitude 75.676895, Elevation 395.1m, SITE_ID: 342529 Edit site Delete site




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NASA GLOBE Cloud Satellite Match External Inbox x 🖨️ 📧

 **LaRC-GLOBE-Clouds@mail.nasa.gov**
to ligimolouis, LaRC-GLOBE-Clouds ▾ Sun, Jul 3, 2022, 11:00 PM ★ ↶ ⋮

Dear Dr. Ligimol Louis,

The [2022 NASA GLOBE Clouds Summer Update](#) is now available. Join us as we get closer and closer to NASA GLOBE Clouds goal to Match to a Million Satellite Matches. Learn about upcoming opportunities to meet other members of the GLOBE community. Meet our expert—Amy Elisor. Learn about noctilucent clouds and figure out how to enter a caption on your GLOBE Observer photos. Plus, see if there is any correlation between your cloud observations and the UV index.

Thank you for your NASA GLOBE cloud observation! The NASA GLOBE Clouds Team matched your cloud observation with corresponding satellite data. The link(s) below show your cloud observation with corresponding satellite data. The satellite match is based on the time and location of your cloud report.

[GEO Satellite Match - 2022-07-02 07:24:00](#)

**Please note: Data retrieved from different satellites is processed at different speeds. You may receive multiple satellite match emails for one cloud observation.*


The satellite match report aids in the understanding of corresponding satellite data. You can learn more about your satellite match at [GLOBE Clouds Satellite Comparison](#).

The GLOBE Observer mobile app has a Satellite Flyover tab. Check the tab to find when a satellite will fly over your location and to set reminder notifications.

Thank you for your cloud report! We look forward to your continued observations. You received this email because you participated in NASA GLOBE Clouds. Did you know you can receive emails in addition to satellite matches? To verify your NASA cloud email settings visit the GLOBE Observer app. Click on the wheel icon at the bottom of the page. Click on the blue button 'Opt-In/Opt-Out Settings' and select 'Yes' for each desired option. To stop receiving NASA satellite match emails Select 'No' under 'Receive NASA Satellite Images'.

Your observations help NASA scientists better understand what is happening in the atmosphere from your unique point of view.

The NASA GLOBE Cloud Team
LaRC-GLOBE-Clouds@mail.nasa.gov

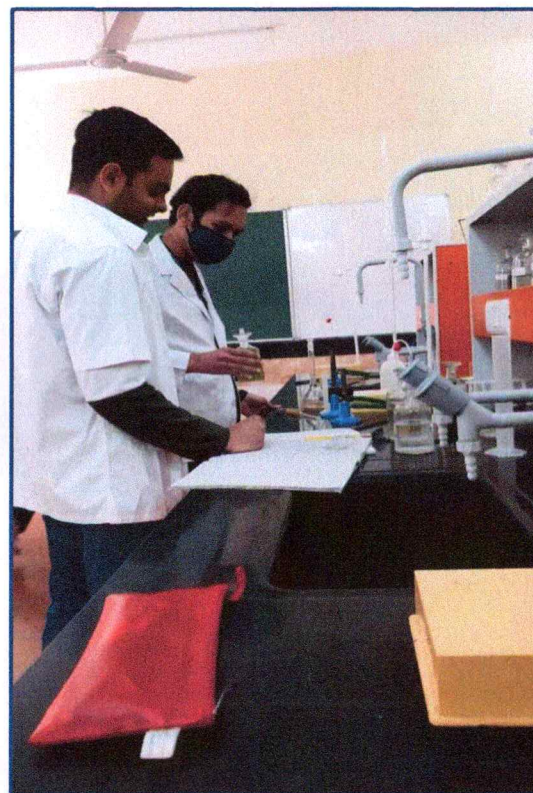
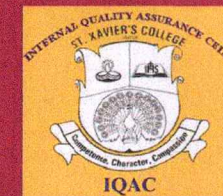

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7.1.2 Students analysing pH and TDS of samples in and around Nevta Campus under GLOBE project


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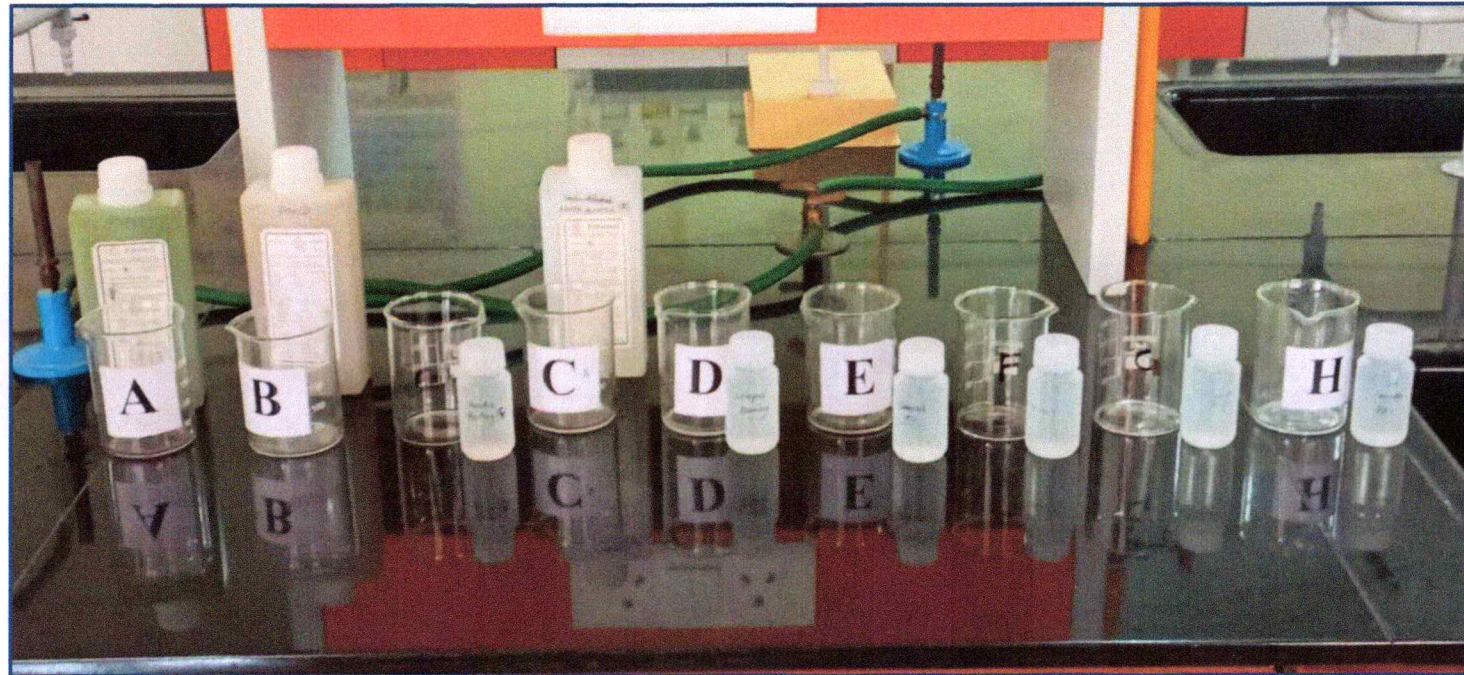
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7.1.2 Water quality analysis of collected samples

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