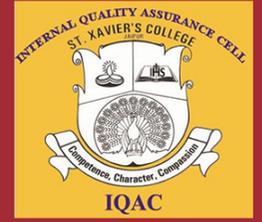




St. Xavier's College Jaipur

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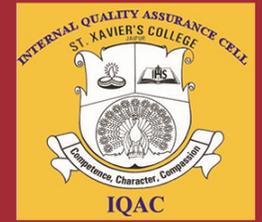
GLOBE PROJECT





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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.

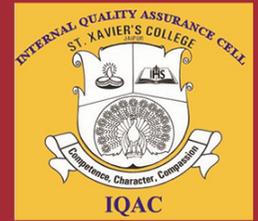
The work is still going on. St. Xavier's College Jaipur will provide its arm to gather knowledge through this GLOBE scheme to make our earth better for future generations.





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PROOFS

The screenshot shows the GLOBE Data Entry website interface. At the top, there is a navigation bar with 'THE GLOBE PROGRAM SCIENCE Data Entry', a language dropdown set to 'English', and a user greeting 'Welcome Ligimol Louis'. Below the navigation bar is a promotional banner for 'Try GLOBE's new Data Entry system for Atmosphere and Hydrosphere protocols!' with a 'Use New Data Entry' button. Underneath the banner, there are sections for 'My Bookmarks' and 'My Organizations and Sites'. The 'My Organizations and Sites' section lists two entries: 'St. Xavier's College, Nevta' and 'St. Xavier's College Jaipur'. The 'St. Xavier's College Jaipur' entry is circled in red and includes details: 'Latitude 26.805155, Longitude 75.676895, Elevation 395.1m, SITE_ID: 342529'.





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