

TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (GIRLS) - KHAMMAM



DEPARTMENT OF CHEMISTRY

AY: 2023-2024

Date: 26.09.2023

FIELD TRIP : pH analysis in Different soils like lake and agriculture lands

Sub: pH range in river water ,lake water,and agriculture land.

The optimum pH for river water and lake water is around 7.4. Water acidity can be increased by acid rain but is kept in check with buffer limestone. Extremes in pH can make a river inhospitable to life.



The normal PH range for irrigation water is from 6.5 to 8.4. An abnormal value is a warning that the water needs further evaluation. Irrigation water with a pH out side the normal range may cause a nutritional imbalance or may contain a toxic ion.

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AY: 2024-2025

Date: 13.11.2024

FIELD TRIP : GRANITE INDUSTRY



As Khammam is famous for granite reserves, the faculty of Chemistry Department along with the final MbZC and final BZC students visited the Granite Industry as a part of field trip to explore the practical knowledge in its extraction. They gained a detailed insight in the various steps involved in it.

Such as

- Cutting of granite,
- Gang-saw
- Cutter
- Grinding
- Epoxy Application
- Polishing.