

Dr. YSR Govt. Degree College, Vedurukuppam

Dept. of Chemistry

BEST PRACTICE

Total dissolved salts testing in water

24-01-2024

Department of chemistry has been practising a new best practice every year. In the academic year 2024-25 too we have initiated a new best practice. We thought of bringing awareness among the students, the importance of total dissolved salts (TDS), a parameter related to the purity of water. We asked the students to collect water samples from their houses as well as in the college campus. Asked them to measure the TDS of those water samples and find out which samples are potable and which are non potable. Further, we brought awareness that water with TDS 300 PPM is excellent for drinking. Up to 600 PPM it is good. If there are no proper alternative drinking water facilities, in those areas up to 1200 PPM TDS is also tolerable. But water with TDS more than 1200 PPM is not at all good for drinking purpose. We further instructed the students to bring awareness among their neighbours in their villages. In this program principal Dr. P. Annapurna Sarada, Vice principal Dr. B. Lakshmi Prasanna Latha, IQAC coordinator Dr. P. Venkatesu, botany lecturers Dr. L.Md. Bhakshu, Dr.C. Aruna and Botany major and Computers major students were present. We demonstrated the students how measure TDS with TDS meter and asked them to do it on their own. They measured TDS of all the samples they brought.

Photo gallery





GPS Map Camera

Vedurukuppam, Andhra Pradesh, India
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 Lat 13.438092° Long 79.316863°
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