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Physico-Chemical Analysis of Ground Water of Difference Places in Jaipur City and its Defluoridation by using Marble Slurry Powder

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Abstract:The many number peoples are dependent on ground water for drinking purpose in rural areas and Potable safe water is absolutely essential and is the basic need of all human beings on the earth. The present study investigates are fluoride in the level of groundwater of various places are difference in jaipur city of Rajasthan state. The collecting of eight samples of different places in jaipur city from bore wells and hand pump. In the current research paper by employing SPANDS method, fluoride ion concentrations in water were determined spectrophotometrically at 570 nm. first and then marble slurry powder (MP) was used as adsorbents in defluoridation of water. In this paper, dose of adsorbents, contact time and concentration of fluoride ions will be discussed with their interdependence.

Keywords :Fluoride, marble slurry powder, Analysis of study area.

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