

## ASSESSMENT OF DRINKING WATER QUALITY OF DIFFERENT HOSPITALS AT ALLAHABAD, INDIA

**DIVYANSHU SHUKLA, HARSH BODH PALIWAL & ABHISHEK JAMES**

*Department of Environmental Science, SHIATS–Deemed University, Allahabad, Uttar Pradesh, India*

### **ABSTRACT**

*Water plays an important role in domestic and industrial usage. The quality of drinking water is a powerful element for human health. Assessment of quality of drinking water has always been given priority in the field of environmental quality management. Assurance of drinking water safety is a foundation for the prevention and control of water borne diseases. This paper presents a study on drinking water quality of hospitals in Allahabad district which involves analysis of physico-chemical parameters of drinking water samples which were collected from different private and public hospitals of Allahabad. Water quality analysis include pH, Turbidity, TDS, EC, Total Hardness, Alkalinity, Chloride, DO, BOD, and Acidity level. All water quality parameters were compared with BIS Standards of drinking water.*

**KEYWORDS:** *Pollution, Water Quality, BIS*

**Received:** Sep 17, 2015; **Accepted:** Nov 03, 2015; **Published:** Nov 07, 2015; **Paper Id.:** IJEEFUSDEC20153