

## Water Quality Status of Sannihit Sarovar in Kurukshetra (India)

S. DESWAL\* AND P. CHANDNA\*\*

The physico-chemical and bacteriological analysis was carried out to assess the water quality of a sacred water tank "Sannihit Sarovar" in Kurukshetra (India) and the results are presented in this paper. Water quality of this holy tank found impaired with mass bathing and offerings made in this Sarovar, which cause organic pollution. Different parameters measured are temperature, pH, colour, turbidity, D.O., B.O.D., C.O.D., acidity, total alkalinity, sulphate, total hardness, total solids, suspended solids, dissolved solids, chloride, nitrate, total bacterial count, coliform and *E. coli*. From the obtained data, it is found that parameters like, colour, turbidity, acidity, DO, BOD, COD, total bacterial count, coliform and *E. coli* exceed the permissible values for organized outdoor bathing use of waters in this tank, whereas other parameters were found within the limits or below limit.

**Key words :** *Pollution, water quality, DO, BOD, COD, coliform*