



**Studies on the Physico- chemical characteristics of water in Pidaparathi village
[Anaparathi mandal] E.G.Dt., A.P.**

J.SURESH¹ P. VENKATESWARLU¹ AND A.V.L.N.S.H.HARIHARAN*²

1. Department of Chemistry, Sri Venkateswara University. Tirupati, India.

2. Department of Chemistry, GITAM Institute of Technology, GITAM UNIVERSITY Visakhapatnam.

Email: ahharan@gmail.com

Received on 26th August and finalized on 1st September 2012

ABSTRACT

Physico – Chemical analysis of well and bore well water samples was carried out from eight sampling stations of Pidaparathi village [Anaparathi mandal] E.G.Dt., A.P during different seasons for a period of one year [2011] . The analysis of different parameters namely- pH, turbidity, color, total alkalinity, total hardness, chloride, sulphate, nitrate, TDS, DO, BOD, COD and fluoride were carried out as per standard methods. The parametric ratios and variation of temperature with D.O and Nitrate were also calculated. The results indicate that the fluoride and calcium in some sampling stations were found above the permissible limits.

Keywords: Physico- chemical Parameters – Pidaparathi village- Anaparathi mandal.
