

## **STUDIES ON ANTIBACTERIAL ACTIVITY OF THE PLANT *Salicornia herbacea* L**

### **ABSTRACT**

Alcohol extracts of the plant *Salicornia herbacea* L. were prepared, and found to be very effective against both Gram positive and Gram negative bacteria. Cytotoxicity against human red blood cells, were studied and found that alcohol extract is not toxic, has a toxicity of 2500mg/ml. Biological characteristics were studied by the measurement of minimum inhibitory concentrations on isolates of standard and pathological, Gram positive and Gram negative bacteria. Minimum lethal dose that kill 50% of population (LD50) of Alcohol extracts were measured and found to be 6000mg/kg. Stability of Alcohol extracts at different pH and temperature ranges were measured also.