

## ENVIRONMENTAL DETERIORATION IN AQUATIC BIODIVERSITY OF GUZARTAL AT JAUNPUR (U.P.)

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**ABSTRACT** : Guzartal is located at Jaunpur district, which is very famous fish farm and training center of state fishery in U.P. Aquatic biodiversity in this pond is depleting rapidly due to human development, anthropogenic stress, pollutants and habitat degradation affecting the Guzartal. Present study recorded a total 16 aquatic plant species and 28 fish species represented by 12 families, in which the Cyprinids were the most dominant group at this wetland. Observed physico-chemical factors are more conductive and act as stimulant for the growth and sexual maturity of fishes.

**Key Words** : Aquatic biodiversity, pollutants, Cyprinids, endangered (EN)