

NTR GOVERNMENT DEGREE COLLEGE FOR WOMEN MAHABUBNAGAR

DEPARTMENT OF BOTANY

ACADEMIC YEAR 2020-2021

FIELD WORK ON "PHYCOBIODIVERSITY IN MINI TANKBAND, MAHABUBNAGAR"

**Project Title:** " PHYCOBIODIVERSITY IN MINI TANKBAND, MAHABUBNAGAR" District.

**Objectives:** To study and identification of algal species.

**Introduction:** Min Tankband water reservoir is located in Mahabubnagar district. Rain water collected in the reservoir from the areas of Mahabubnagar district. So most of the time in a year water is dusty dirty and polluted. Most of surface of Mini Tankband is covered with aquatic plants like water hyacinth. Diversity of plants and animals are observed in Mini Tankband Mahabubnagar. The field work is conducted in the supervision of I.Sree Vani, Lecturer in Botany and K.Swetha Rani, Lecturer in Botany with five (5) students of III BSc BZC and II BSc BZC English medium.

S.No	Name of the student	Roll No	Class
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**Methodology:** The students of III BSc, BZC and II BZC English medium along with the faculty members visited the Mini Tankband, Mahabubnagar in the month of January, February and March 2021. Students collected the water sample each time and analyze in the departmental laboratory. Algal species are found and identified with the help of microscope.



**Conclusion:** After observation in a department laboratory under the microscope many algal species are found. They are as follows. In chlorophyceae Spirogyra, Diatoms, Lingbya in Myxophyceae Nostoc, Volvox , many mosquito larvaes and zooplanktons are also found.



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PRINCIPAL  
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