



**Rayat Shikshan Sanstha's
Dr.Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)**

DEPARTMENT OF BOTANY

Best Practices - PRAYAS

REPORT

2022-23

Date : 11/05/2023

As our college lies in the vicinity of agricultural land most of our students of our college are belonging from agricultural background. So most of the students came upto us to do request for giving suggestions on their problems which they were facing. Their problems were with the irrigation system in their field. As this village resides on the Banks of Krishna river there is plenty of water for the field so the problem of water logging was observed. This resulted into increase in soil salinity, this could be the problem for the farmers so we took a parents-teacher meeting on water management.

Department of Botany organized three visits in the year 2022-23 on-site workshop on “Drip Irrigation” need of Agriculture Water Management” for the farmers to overcome their problem. Where we suggested to the farmer new system of irrigation which was Drip irrigation. Good agricultural practices as managing soil fertility and reducing land degradation can increase water efficiency.

Drip irrigation is an efficient irrigation method that delivers water slowly and directly to the plant root systems when network of pipes. It reduces the loss of water due to evaporation which is very common in other type of irrigation methods like flooding. It is also called as micro irrigation.

Drip irrigation system was implemented in the sugarcane field by the farmers. In the next month we visited the field and the result got was amazing. This increased their yield also and the problem of water logging was solved. This is how we guided farmers on water management for their field and this was very beneficial for them.

Outcomes:

1. This increased their yield also and the problem of water logging was solved.

Beneficiaries: 37 Students.

Glimpses of Guidance to Farmers On Drip Irrigation



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