



Mula Education Society's

Arts, Commerce and Science College, Sonai

Academic Year: 2018-2019 (Term-I)

“Students Visit to MPKVP, Rahuri under DBT Star College Scheme”

Venue: Mahatma Phule Krishi Vidyapeeth, Rahuri

Date: 25/09/2018

Department of Chemistry of our College organized one day field visit under DBT Star College Scheme on 25/09/2018 to Mahatma Phule Krishi Vidyapeeth Rahuri, for T.Y.B.Sc (Chemistry) Students. Field visit took place in the presence of Prof. Todmal. V.B., Prof. Darandale P.B., Prof. Salve Y.B., Prof. Jangle M.S. For the period from 9:00 am to 5:00 pm. Total students participated in visit are 70.

The department of chemistry visited five departments in the university. In the first session we visited three departments namely;

- i) Soil and Water analysis
- ii) Food Processing Unit
- iii) Entomology

Post graduate Dept. of Soil and Water analysis conducts two courses, PG in Soil and Water Analysis and Certificate Courses in Soil and Water testing of one month. Soil and water analysis involves different instruments like PHmeter, Electrical conductivity meter, Colourimeter etc.

Post Graduate Dept of Food Processing conducts two courses, PG in Food Science and Certificate Courses in Food Processing of one month. They were using different equipment like:- Muffle furnace, Hot air oven, centrifuge machine, Soxhlet apparatus, fruit powder making machine Distillation assembly, Water jet suction pump, incubator with shaker, Laminar air flow.

Entomology department studies how much fertilizer are used by different farmers in their farm with the help of standard reference chemical by using different instruments like Gas Chromatography.

In the second session, we visited two departments namely:-

- i) Dairy Farm
- ii) Medicinal and aromatic plants

In M.P.K.V. one of the departments that we have visited is Dairy Farm. There are different varieties of cows. Each cow on farm is kept in perfect condition. Apart from shady green areas to rest and ruminate, they are kept cool with water sprays and fans. The cows are nurtured and cherished like no other cows in the country. Milk of the cows were processed further and sent to the market.

Medicinal and Aromatic Plant Department has identified and documented over 122 plant species, considering their importance in the Pharmaceutical Industry. Therefore it is relevant that these valuable plant species not only preserved but also their cultivation practices are developed.

