

# Bhogawati Mahavidyalaya, Kurukali



## Department of Chemistry

### “Soil Analysis Activity”

### Report (Year 2021-22)

Department of Chemistry of Bhogawati College conducts this activity with the collaboration of Bhogawati Sahakari Sakhar Karkhana, Shahunagar, Parite. Most of the students of our college come from agricultural background. The good yield of crop depends upon the health of soil. Therefore, soil analysis becomes necessary to know the quality of soil. But there is lack of awareness regarding soil analysis among farmers of this region. Through this activity, students of B. Sc. classes are asked to collect soil samples of their /relative's/neighbors' farm. This activity creates awareness about soil analysis and its importance. The soil analysis laboratory of Sugar factory analyses soil samples submitted by student's without taking any charges. There is MoU between Bhogawati College and Bhogawati Sahakari Sakhar Karkhana Ltd.

The students were asked to collect soil samples in the month of October-November. Dr. D. K. Dalavi, Head, Department of Chemistry explained the importance of soil analysis to B. Sc. I, II and III students in classrooms. Dr. R. S. Kamble, Dr. N. M. Patil and Dr. D. R. Chandam gave instructions about soil sampling procedure to the students.

The samples collected from the students were sent to Laboratory of Bhogawati Sahakari Sakhar Karkhana where these samples were analysed. The report of analysis of these samples were in printed form. These reports were issued to respective students with proper explanation and suggestions by faculty of Department of Chemistry. Some feedbacks were collected from the farmers who submitted their soil samples for analysis and applies fertiliser according to it. Feedbacks proved the success of this activity as there was increase in crop yield. Total 145 students of B. Sc. Class from different villages submitted soil samples for analysis.

### Samples collected in Year 2021-22

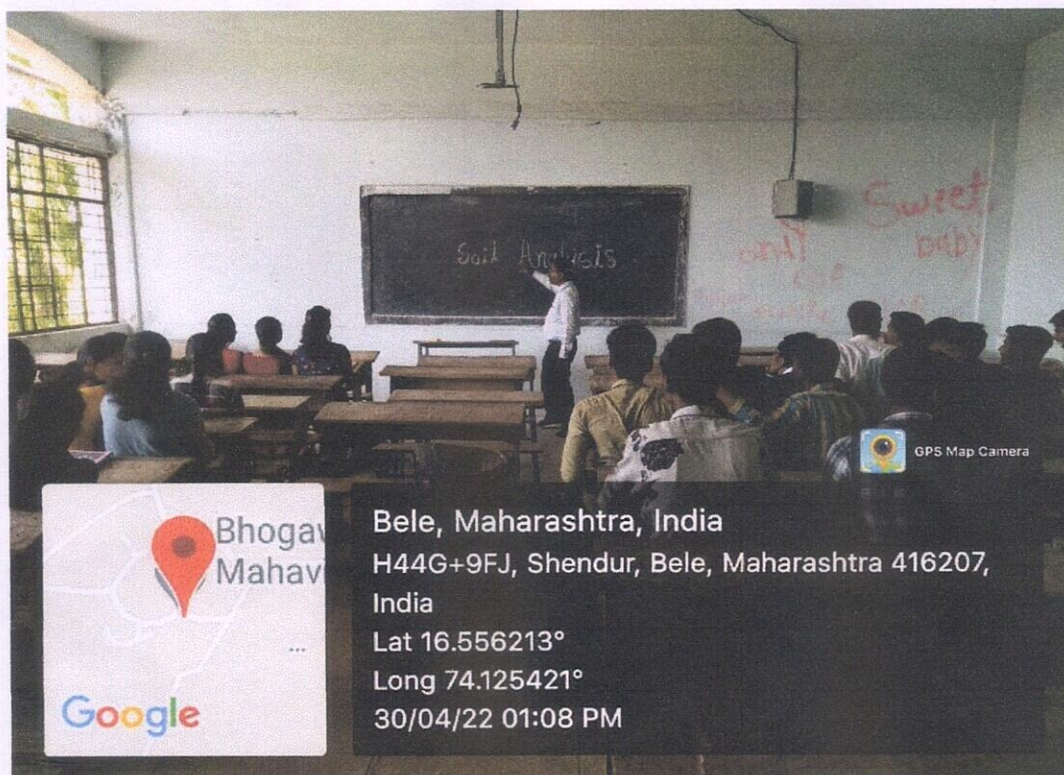
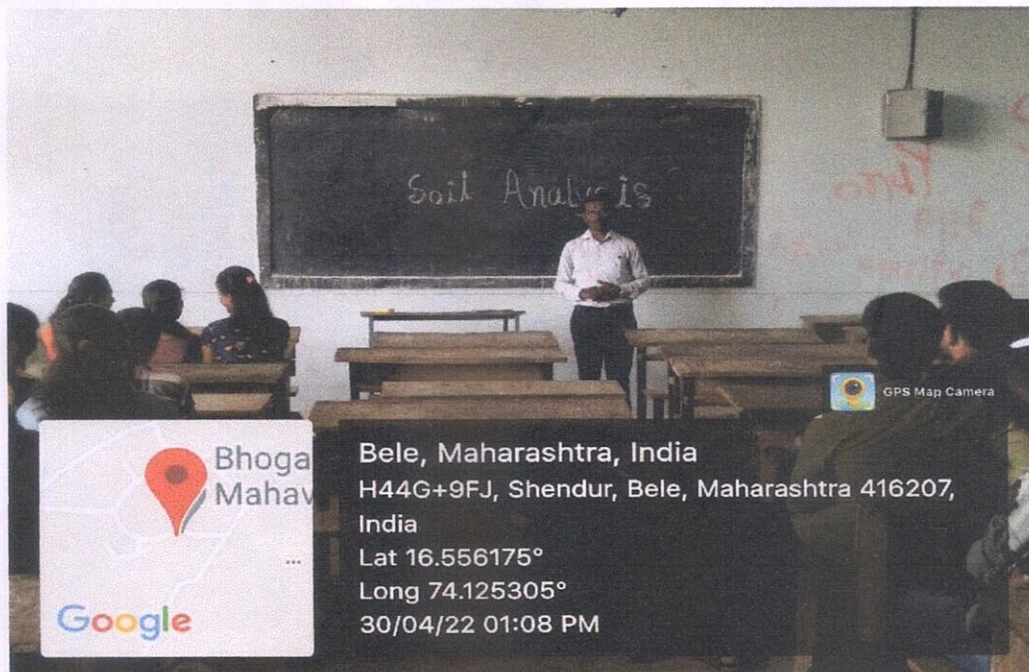
In this year 2021-22, **Total 145 soil samples** were collected and analysed as follows

#### Year 2021-22

Sr No	Class	Soil Samples Collected/Analysed
1	B. Sc. I	40
2	B. Sc. II	45
3	B. Sc. III (Chemistry)	60
Total		145

  
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Tal. Karvir, Dist. Kolhapur  
RBD





**Dr. Raviraj Kamble, Department of Chemistry is explaining the importance and significance of Soil Analysis practice.**

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