

Khed Taluka Shikshan Prasarak Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Affiliated to S. P. Pune University, Pune

NAAC Reaccredited "B++" Grade (CGPA 2.83), DST-FIST Recognized

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Department of Chemistry

Report of Skill Based Course on “A Five days vocational training programme on Soil Testing Lab: As an Entrepreneur Business Opportunity”

Introduction: The vocational training programme on "Soil Testing Lab as an Entrepreneurial Business Opportunity" was organized with the aim of equipping participants with the skills and knowledge necessary to establish and operate a soil testing laboratory as a viable business venture. The five-day intensive course was held at Department of Chemistry Hutatma Rajguru Mahavidyalaya Rajgurunagar from 11-04-2023 to 17-04-2023.

Objectives: The primary objectives of the training programme were as follows:

1. To educate participants about the importance of soil testing in agriculture
2. To impart practical skills in conducting various soil tests and interpreting the results.
3. To provide insights into the entrepreneurial aspects of setting up and managing a soil testing laboratory.
4. To foster networking and collaboration among participants.

Course Content: The training programme encompassed a comprehensive curriculum that covered both theoretical and practical aspects of soil testing and entrepreneurial skills. The topics covered during the five days included:

1. Introduction to Soil Testing:
 - Importance of soil testing in agriculture.
 - Types of soil tests and their applications.
2. Soil Sampling Techniques:
 - Proper methods of collecting soil samples.
 - Ensuring representative samples for accurate testing.
3. Soil Testing Procedures:
 - pH testing, nutrient analysis, organic matter content, etc.
 - Hands-on experience with various testing equipment.

4. Result Interpretation:

- Understanding test results and their implications.
- Recommendations for soil amendments and fertilization.

Training Methodology: The training programme employed a blend of lectures, interactive workshops, hands-on practical sessions, case studies, and group discussions. Participants were given the opportunity to work with actual soil samples and testing equipment, enhancing their understanding of the concepts taught. The students collected soil samples randomly from their respective native places for testing purposes. The collected soil samples were analyzed for pH, electrical conductivity, calcium and magnesium content, carbon content, and phosphorus content in the soil. A total of 48 students were enrolled in the course, out of which 21 students successfully completed it.

Participant Feedback: Participants expressed high levels of satisfaction with the course content and delivery. Many highlighted the practical nature of the training, which equipped them with skills that can be immediately applied in a real-world setting. The interactive sessions and networking opportunities were also well-received.

Conclusion: The "Soil Testing Lab as an Entrepreneurial Business Opportunity" training programme successfully achieved its objectives of educating participants about soil testing, equipping them with practical skills, and providing insights into entrepreneurship in this domain. The course laid the foundation for participants to consider venturing into the soil testing business, contributing to both agricultural productivity and construction quality.

The positive feedback from participants encourages us to continue organizing similar skill-based courses that empower individuals to explore entrepreneurial opportunities in various sectors.

Prof. Dr. P. S. Kulkarni





K.T.S.P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Chemistry
Academic Year : 2022-23
Attendance for five days Vocational training programme
Soil Testing Lab : As an Entrepreneur Bussiness Opportunity'

Roll No	Student Name	11-4-2023	12-4-2023	13-4-2023	15-4-2023	17-4-2023
1	Ajabe Suraj Raju	Ab	---	---	---	Ab
2	Argade Prathamesh Ramesh	Ab	---	---	---	Ab
3	Bacche Prasad Vasant	Ab	---	---	---	Ab
4	Bhokse Shivam Sudhir	Ab	---	---	---	Ab
5	Borhade Sayali Babaji	Ab	---	---	---	Ab
6	Daundkar Pradip Balasaheb	Ab	---	---	---	Ab
7	Dhobale Nirmala Hanumant	NDhobale	NDhobale	NDhobale	NDhobale	NDhobale
8	Ghonge Tushar Vitthal	Ab	---	---	---	Ab
9	Gurav Chetan Santosh	Ab	---	---	---	Ab
10	Jadhav Akshada Vilas	Ab	---	---	---	Ab
11	Jadhav Amit Ramdas	Ab	---	---	---	Ab
12	Kadam Sagar Ananta	Ab	---	---	---	Ab
13	Kamble Srushti Mahendra	Ab	Ab	Ab	Ab	Ab
14	Katore Pranita Shantaram	Ab	---	---	---	Ab
15	Kshirsagar Tejal Vinayak	Tejal	Tejal	Tejal	Tejal	Tejal
16	Manjare Nikita Shivaji	Manjare	Manjare	Manjare	Manjare	Manjare
17	Mate Priyanka Rajendra	Ab	Ab	Ab	Ab	Ab
18	Naikade Ashitosh Anil	Ab	---	---	---	Ab
19	Patil Shubhangi Shamkumar	Patil	Patil	Patil	Patil	Patil
20	Sabale Supriya Sanjay	Supriya	Supriya	Supriya	Supriya	Supriya
21	Sandbhor Mayuri Baban	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri
22	Sandbhor Puja Ramchandra	Sandbhor	Sandbhor	Sandbhor	Sandbhor	Sandbhor
23	Sawant Tejal Dattatray	Tejal	Tejal	Tejal	Tejal	Tejal
24	Shaikh Muskan Anwar	Ab	---	---	---	Ab
25	Tajave Nikhil Sanjay	Ab	---	---	---	Ab
26	Tamboli Samruddhi Sandip	Tamboli	Tamboli	Tamboli	Tamboli	Tamboli
27	Virkar Sakshi Sambhaji	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi

Roll No	Student Name					
28	Wable Chaitali Vishvas	Gable	Gable	Gable	Gable	Gable
29	Wadekar Jayeshwari Bhagchand	Pusol	Pusol	Pusol	Pusol	Pusol
30	Wadekar Nilam Navnath	Nilam	Nilam	Nilam	Nilam	Nilam
31	Wadekar Shubham Vitthal	Ab	—	—	—	Ab
32	Wadile Dipali Sanjay	Borarik	Borarik	Borarik	Borarik	Borarik
33	Wagh Arati Namdev	Arati	Arati	Arati	Arati	Arati
34	Walunj Omkar Santosh	Ab	—	—	—	Ab
35	Watekar Tejas Kanhu	Ab	—	—	—	Ab
36	Yewale Pratik Suresh	Ab	—	—	—	Ab
37	Kokane Omkar Avdhut	Ab	—	—	—	Ab
38	Pawade Prajakta Babusha	Pawade	Pawade	Pawade	Pawade	Pawade
39	Borkar Shubhangi Mahadev	Borkar	Borkar	Borkar	Borkar	Borkar
40	Hundare Payal Mangesh	Ab	—	—	—	Ab
41	Aher Priya Hiranman	Ab	—	—	—	Ab
42	Gaikwad Vishal Chandrakant	Ab	—	—	—	Ab
43	Pathak Pratik Tanaji	Ab	—	—	—	Ab
44	Roundhal Sanket Vitthal	Ab	—	—	—	Ab
45	Roundhal Vivek Shivaji	Ab	—	—	—	Ab
46	Sawant Yogesh Chindhu	Ab	—	—	—	Ab
47	Supe Yuvraj Maruti	Ab	—	—	—	Ab
48	Takalkar Pavan Babasaheb	Ab	—	—	—	Ab
49	Tengale Vaishnavi Sampat	Anavi	Anavi	Anavi	Anavi	Anavi
50	Ukande Komal Shahadev	U.Komal	U.Komal	U.Komal	U.Komal	U.Komal
90	Pawar Kalyani Santosh	Ab	—	—	—	Ab
94	Gokule Suraj	Ab	—	—	—	Ab
95	Gawade Pratik	Ab	—	—	—	Ab
96	Manjare Rushikesh	Ab	—	—	—	Ab
97	Gaikwad Nikhil	Ab	—	—	—	Ab

Ab:- Absent.

Pankaj
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Department of Chemistry
Hutatma Rajguru Mahavidyalaya,
Rajgurunagar