



Amrutvahini College of Engineering, Sangamner

7.1.5 : Beyond the campus environmental promotional activities:

Sr.No.	Date	Name of Activity	Class	Outcomes
Academic Year:2023-24				
1.	08/06/2023	Soil Health Checkup of Farmers	Civil Engineering	Soil Parameters are checked and accordingly corrective actions are recommended to Farmers.
2.	20/01/2024	Village Cleaning at Khandgaon	NSS Students	NSS Volunteers cleaned the village Khandgaon.
3.	22/01/2024	AIDS Awareness Program and Interview of Social Worker	NSS Students	NSS Volunteers participated in AIDS Awareness Program and Interview of Social Worker at village Khandgaon and learned the values of Environment Cleaning etc.

1. Title of the Practice

Soil Health Card Report

2. Objective

- To give the amount of pH, EC, N, P, K present in the soil.
- To advise the client base on the amount of pH, EC, N, P, K observed

3. The Context

- The institute is situated in rural area and most of the parents are farmers. It was required to create awareness amongst them regarding importance of soil testing before taking any crop and how various ingredients of soil affect the yield.
- Soil Health Card Scheme is a scheme launched by the **Government of India** in February 2015. Under the scheme, the government plans to issue soil cards to farmers which will carry crop-wise recommendations of nutrients and fertilizers required for the individual farms to help farmers to improve productivity through judicious use of inputs.
- All soil samples are to be tested in various soil testing labs across the country. Thereafter the experts will analyze the strength and weaknesses (micro-nutrients deficiency) of the soil and suggest measures to deal with it. The result and suggestion will be displayed in the cards.
- As a social work, our department has participated in this scheme individual without the support of Government Authorities since the institute is located in rural area and having some old history in co-operative sectors for the benefit of nearby farmers.
- The department has collected the soil sample from nearby farms and tested the various parameters like pH, N, P, K and salt concentration to check the fertility of soil. The suggestions to improve the properties of soil are also

given over the soil health card. All these information are given free of cost.
Up till now 100 soil health cards are issued to needy farmers.

4. The Practice

- Students are asked to bring the soil sample from their own farms or nearby.
- Soil samples are tested for pH, EC, N, P, K .
- Based on the results obtained they are advised various measures to bring the parameter in adequate range.

5. Evidence of success

- Approximately 100 samples are tested

6. Problem encountered and resources required

- The collection of sample is to be done in standard procedure, so becomes difficult to obtain the soil sample having same properties on field.
- There is no control of institute over this activities of sampling.
- Trained laboratory assistant were needed for conducting tests as per procedure.

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स्थापत्य अभियांत्रिकी विभाग
सॉईल हेल्थ कार्ड (मृदा परिक्षण पत्रक)

Email: principal@avcoe.org contact: 02425-259017/18



शेतकऱ्याचे नाव :- वर्षे संतोष गंगाधर

दिनांक:- ०८/०६/२०२३

आधार क्र :-

सर्व्हे नं/ गट नं:-

एकुण क्षेत्र :-

४ एकर

धारणा प्रकार:-

संपर्क पत्ता :-

मौजे. कुलोली

ता. संगमनेर

जि. अहमदनगर

संपर्क क्रमांक :-

९७६७८४००७६

बार कोड :-

अ. नं	तपशिल
१.	शेतीचा प्रकार :- कोरडवाहू
२.	मृदा प्रकार :- काळी रेगुर मृदा
३.	पिकाचा प्रकार :- खरीप हंगाम
४.	पूर्वी घेतलेले पिक:-
५.	सिंचन प्रकार :- टिबक सिंचन

अ.नं	मृदा घटक	निकाल	शेरा
१.	वायु (PH)	८.०७	चोपन जमीन ①
२.	विद्युत वाहकता / शारता (EC)	०.८४७ मेग. मेग / सेमी.	मध्यम शारयुक्त ②
३.	नत्रा (N)	१२० कि. / हे.	अत्यंत कमी ③
४.	स्फुरक (P)	२२ कि. / हे.	मध्यम
५.	पालाश (K)	३०० कि. / हे. पेक्षा जास्त	अत्यंत जास्त ④

तांत्रिक मार्गदर्शन:- ① शेणखतातून निस्सम न्हा वापर करवा. ② चरायची व्यवस्था करून शाराचा निचरा करावा. ③ शिफारशीत अतमोत्रेपेक्षा ५०% जास्त नत्र वापरावे. ④ शिफारशीत अतमोत्रेपेक्षा ५०% कमी परिक्षण पुनः आवृत्ती दि:- पालाश वापरावे

परिक्षक:

स्वाक्षरी:-

नाव:- प्रा. नवले ए. व्ही.

२२/०६/२०२३

विभागप्रमुख

प्राचार्य



Pic: Laboratory Analysis Work for Soil Heath Card



SAVITRIBAI PHULE PUNE UNIVERSITY
NATIONAL SERVICE SCHEME
AMRUTVAHINI COLLEGE OF ENGINEERING,
SANGAMNER



NSS Camp 2023-24

Date:20/01/2024

1.	Name of Activity	Village Cleaning Venue: Khandgaon, Tal. Sangamner, Dist-Ahmednagar.
2.	Objectives	1.To promote hygiene awareness and habits among participants through interactive workshops and practical demonstrations to cultivate a culture of cleanliness and sanitation in the community during the national service camp.
3.	Date of Conduction:	20/01/2024
4.	Time of Conduction:	10.00 AM
5.	Name of Co-ordinator:	Dr.M. A. Wakchaure , Dr.R. S. Gavhane
6.	Departments Involved:	All
7.	No. of participants	100
8.	Any Government Agency involved? If yes details:	No
9.	Any Non-Governmental Organization (NGO) involved? If yes details:	No
10.	Activity Details:	1.Activity was organized for the all the NSS volunteers participated in Camp. 2.Staff and volunteerstook part in activity.
11.	Outcomes:	1.Enhanced understanding and commitment to maintaining cleanliness practices for a healthier and more sustainable environment.
12.	Remarks (if any)	Activity was successfully completed.


Dr.M A Wakchaure / Dr.R S Gavhane
NSS Program Officer


Dr.M.A.Venkatesh
Principal





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NATIONAL SERVICE SCHEME
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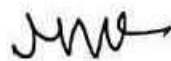


NSS Camp 2023-24

Date:25/01/2024

1.	Name of Program	1. AIDS Awareness Programme 2. Interview of Mr. Rameshji Gunjal Saheb
2.	Resource Person	1. Mr.Santosh Pawar 2. Mr. Rameshji Gunjal Saheb
3.	Objectives	1.To promote widespread understanding anddestigmatize HIV/AIDS through comprehensive education and outreach efforts. 2.To highlight Mr. Rameshji Gunjal Saheb's impactful contributions and insights as a social worker, fostering awareness and inspiration among the audience.
4.	Date of Conduction:	22/01/2024
5.	Time of Conduction:	5.00 PM to 6.30 PM
6.	Dignities Present: (with designation)	Dr. M. R. Wakchaure, Dr. B.S. Borkar
7.	Name of Co-ordinator:	Dr.M A Wakchaure ,Dr.R. S Gavhane
8.	Departments Involved:	All
9.	No. of participants	100
10.	Any Government Agency involved? If yes details:	No
11.	Any Non-Governmental Organization (NGO) involved? If yes details:	No
12.	Activity Details:	1.Session was organized for the all the NSS volunteers participated in Camp. 2.Staff and volunteers attended the session. 3.Provision of dinner was made for all.
13.	Outcomes:	1.Achieved increased awareness, reduced discrimination, and improved prevention and support for those affected by HIV/AIDS. 2 .Inspires the audience with Mr. Rameshji Gunjal Saheb's social work journey to encourage community engagement and positive change.
14.	Remarks (if any)	Session was successfully completed.


Dr.M A Wakchaure / Dr.R S Gavhane
NSS Program Officer


Dr.M.A.Venkatesh
Principal

Glimpses:

