



**Janata Shikshan Sanstha's**  
**KISAN VEER MAHAVIDYALAYA, WAI**



**Certificate Course in Analysis of soil with  
advanced tool**

**Supportive Documents for  
Certificate Course Annual Report**

**Supportive Documents for**

**Certificate Course Annual Report includes-**

- 1. Short Report of the Particular Academic Year**
- 2. Certificate Course Brochure/Handbook**
- 3. Notice regarding the Introduction date of the course & BOS Resolution**
- 4. Syllabus of the Course**
- 5. Course Objectives and Outcomes**
- 6. List of enrolled students**
- 7. Time Table**
- 8. Attendance Sheets**
- 9. Result of the Course**
- 10. One Sample Certificate of the pass student**



**Janata Shikshan Sanstha's**  
**KISAN VEER MAHAVIDYALAYA, WAI**  
**Department of Chemistry**



**Janata Shikshan Sanstha's**  
**Kisan Veer Mahavidyalaya, Wai**  
**Department of Chemistry**



**REPORT**

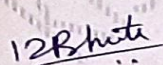
**"ANALYSIS OF SOIL WITH ADVANCED TOOL"**

The department of chemistry has decided to conduct certificate course. The title of the course is 'Analysis of soil with advanced tool'. The notification and advertisement was made through brochure of the course. The course was started 28<sup>th</sup> April 2022. The time table was displayed on the department's notice board.

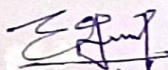
A series of lectures were organised by chemistry department. Lectures was conducted by Mrs. Rupali Khare. (Lab.Chemist) and Mrs. Sheela Jadhav ( Supervisor) of department of soil and soil testing Kisan Veer Satara Sahakari Sakhar karkhana Kisan Veer Nagar, Bhujinj, Tal-Wai, Dist- Satara.

The above two technicians has delivered lecture on soil and soil testing to B.Sc III students in the classroom. They explained firstly how to collect the soil sample from field by digging the soil from several area of field, collecting sample, mix well and make four parts of soil, take some part of each and again mix well. And this is the soil sample. Its composition and also the testing skill of the soil. The soil testing evolves the detection of elements and nutrients present in the soil. They also explain what type of crops should be taken by farmers in their field. They also assured to students for helping in analysing soil samples.

Examination of the said course was conducted and certificates were issued to all the passed students.

  
Co-ordinator

Department of Chemistry

  
Head

Department of Chemistry

  
Principal

Kisan Veer Mahavidyalaya wai



head  
Department Of Chemistry  
Kisan Veer Mahavidyalaya, Wai

Principal  
Kisan Veer Mahavidyalaya  
Wai (Satara)

## 2. Certificate Course Brochure/Handbook



**Janata Shikshan Sanstha's**  
**KISAN VEER MAHAVIDYALAYA,**  
**WAI**



### SHORT TERM COURSE

### ANALYSIS OF SOIL WITH ADVANCED TOOL

Introduction since 2021-22

Duration : 30 Days

Fees : 300/-

**Paper I** : Introduction to the soil science

**Paper II** : Analysis of the different soils with advanced tool.

#### Objectives:

- To know composition of the soil
- Understanding the soil characteristics.
- Analysis of soil composition.
- Awareness about agricultural land.

**Medium of course:** English

#### Scheme of Examination :

Examination shall be conducted at the end of each year

The paper shall carry 40 marks.

**Contact : Dr. P.H.Bhoite.**



### 3. Notice Regarding To Introduction of date of Course and BOS Resolution

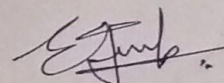
Department of Chemistry  
Kisan Veer Mahavidyalaya  
Wai.

Date : 20/04/2022

#### NOTICE :

All the students of B.Sc III (Chemistry) are here by informed that department has started a Short – Term Course “ **Analysis of Soil with advanced tool**” for the class. For this course lectures will be started from **28<sup>th</sup> April 2022** on words in regular class room.

All the students should be present for the lectures.



Head

Department of Chemistry

#### Copy :

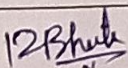
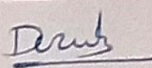
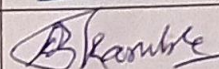
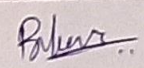
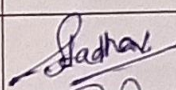
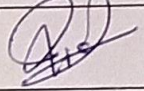
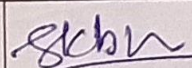
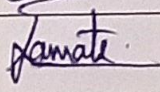
1. For Student Circulation
2. Department Notice Board
3. Head, Department of Chemistry

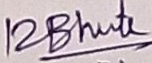


Department of Chemistry  
Kisan Veer Mahavidyalaya Wai  
Date:- 11.04.2022

**Notice :**

All the members of BOS for certificate course in Analysis of soil with advanced tool are here by informed that meeting of BOS is organized in the Chemistry Staff-Room at 11.00 am on Monday 11/04/2022. All members should remain present for the same.

	Name	Designation	Sign
1	Dr. P.H Bhoite	Head Department of chemistry	
2	Prof.(Dr) D. N. Zambare	Professor	
3	Mr. U.B. Kamble	Asst. professor.	
4	Mrs. Rupali Khare	Lab Chemist	
5	Mrs. Sheela Jadhav	Supervisor	
6	Mrs. D. S. Patil	Asst. Professor	
7	Dr. S. D. Kumbhar	Asst. Professor	
8	Miss. R. S. Kamate	Asst. Professor	



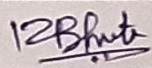
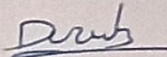
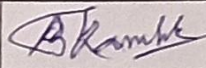
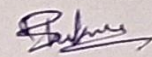
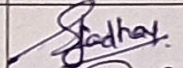
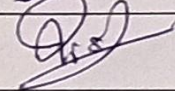
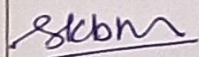
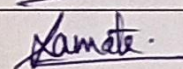


JANATA SHIKSHAN SANSTHA'S  
**KISAN VEER MAHAVIDYALAYA, WAI**  
**DEPARTMENT OF CHEMISTRY**  
**“Certificate Course In Analysis of Soil With Advanced Tool”**  
**Board of studies meeting proceeding**

**Date:- 11.04.2022**

The meeting of the BOS for certificate course in Analysis of Soil With Advanced Tool for academic year 2021-22 was held on Monday 11/04/2022 at 11.00 am in Chemistry Staff-Room (B-4).

The following members were present for the meeting

	Name	Designation	Sign
1	Dr. P.H Bhoite	Head Department of chemistry	
2	Prof.(Dr) D. N. Zambare	Professor	
3	Mr. U.B. Kamble	Asst. professor.	
4	Mrs. Rupali Khare	Lab Chemist	
5	Mrs. Sheela Jadhav	Supervisor	
6	Mrs. D. S. Patil	Asst. Professor	
7	Dr. S. D. Kumbhar	Asst. Professor	
8	Miss. R. S. Kamate	Asst. Professor	

**Agenda of meeting:-**

1. Discussion about formation of syllabus for certificate course in Analysis of soil with advanced tool.
2. Discussion about implementation of course
  - a. Notice
  - b. Time table
  - c. Appointment letter
  - d. Duration
  - e. Certificate
3. Any other business



## 4. Syllabus

JANATA SHIKSHAN SANSTHA'S  
KISAN VEER MAHAVIDYALAYA WAI  
DEPARTMENT OF CHEMISTRY  
SHORT TERM COURSE

Analysis of soil with advanced tool

syllabus from June 2021-22 Onwards

### Part I : Introduction to Soil Science

Definition of soil, types of soil, soil as natural body, soil components, inorganic and organic solids, basic concepts.

#### Properties of Soil

##### A) Physical properties

Soil texture and structure, properties of soil mixture, particle, density

##### B) Chemical properties

Chemistry of clays, ionic exchanges, Acidity, Alkalinity, pH, Salinity, Reactions of liming and acidification

##### C) Biological Properties

Soil organic matter, C:N relationship, N-transformation, soil organisms, sulphur transformation

#### Reference books:

1. Soil and soil fertility : Troch F.R & Thompson L.M
2. Fundamentals of soil science ; Forth .H.D Wiley Books
3. Soil science and management: Plaster Edwards J
4. Principles of soil chemistry: Marcel Dekker Inc.

### Part II: Soil Testing and Analysis

#### Unit I: Sample collection and processing

Sample collection and processing purpose of the soil testing and analysis, methods of soil sample collection, preservation labeling and storage of soil samples

#### Unit II: Study of Instruments



Brief study of instruments- pH meter, conductivity meter, Spectrometer. Use of soil testing kit, Kjeldahl's Assembly for determination of nitrogen

**Reference Books:**

1. Soil, Sampling, Preparation and Analysis: Marcel, Dekker
2. Soil Sampling and Methods of Analysis: Carter M. R. & E. G. Gregorich
3. Methods of Soil Analysis: Kuetz A & et.al

**Part III: Practical**

20

1. Visit to soil testing laboratory
2. Preparation of various reagents, chemical required for soil testing
3. Processing of soil sampling for analysis
4. Determination of pH of soil sample using pH meter
5. Determination of available nitrogen from soil sample
6. Determination of available phosphorus from soil sample
7. Determination of potassium from soil sample
8. Determination of calcium carbonate from soil sample
9. Determination of organic carbon by wet oxygen method

**Reference Books:**

1. Introduction to soil Laboratory Manual: J. J. Harsett stipes
2. Introduction to soil science laboratory manual: Palmer & troch



*Dr. K. S. ...*

Head  
Department Of Chemistry  
Kisan Vihar Mahavidyalaya, Wai

## **5. Course Objectives and Outcomes**

### **Course Objectives:**

- To Know composition of soil
- To understand soil characteristics
- To analyse composition of soil
- To aware about agriculture land

### **Course Outcomes**

At the end of this course, the students will be able to

- To analyse their own agriculture land soil
- Develop analytical thinking
- Understand soil composition and characteristics of soil

## 6. List of enrolled students

JANATA SHIKSHAN SANSTHA'S  
KISAN VEER MAHAVIDYALAYA , WAI  
DEPARTMENT OF CHEMISTRY  
SHORT TERM COURSE 2021-22  
LIST OF ENROLLED STUDENTS

### ANALYSIS OF SOIL WITH ADVANCED TOOL

Sr.No	Roll .No	NAME OF STUDENTS
1	1	THOMBARE AKSHAY DATTATRAY
2	4	TUPE PRATIKSHA SURYAKANT
3	5	GAIKWAD SAKSHI SANJAY
4	8	DHAGE SHAMBHURAJ NANDKUMAR
5	11	KUMBHAR SOURABH RAMESH
6	15	PAWAR SAKSHI YOGENDRA
7	18	KHANDE SIDDHI SANJAY
8	19	NAIKAWADI PRAVIN SANJAY
9	20	KUMBHAR PRATHMESH ANKUSH
10	21	MAHANGADE KOMAL DADA
11	22	PISAL SNEHAL RAJENDRA
12	23	DERE SHRADDHA DIPAK
13	24	SHINDE PRAGATI TANAJI
14	25	SASANE SAKSHI HANMANT
15	26	BAGWAN HEENA SADIK
16	27	KAMBLE MAYURI MEGHNATH
17	28	MOMIN UMER A SHADAB
18	29	THORAVE PRIYANKA DINESH
19	30	BAGAL AISHWARYA SOMESHWAR
20	31	WADKAR AKASH VIJAY
21	32	DABHADE SHARVARI MILIND
22	33	SHIRKE KUNAL MANOHAR
23	35	GAIKWAD AKASH VIJAY
24	37	TARATE VAISHNAVI ANIL
25	39	MAHAMUNI SHANTANU VIJAY
26	40	SONAWANE ADNINATH SURESH
27	41	KOKARE VISHAL VINAYAK
28	42	MENBUDALE JAYANT RAMCHANDRA
29	43	GANDHALE ANKITA VIJAY
30	44	BHOSALE SUCHITRA MADANRAO
31	45	PISAL AKANKSHA MILIND
32	46	GAIKWAD PRATHAM CHANDAN
33	47	GAIKWAD VIKRANT JALINDER
34	48	KARANDE SONALI RAVINDRA
35	51	SHINDE SHIVANI SAYAJI
36	52	CHIKANE PRIYANKA SANJAY
37	53	SALUNKHE PRATIK UTTAM
36	54	CHAVAN NISHA TANAJI
39	57	JOSHI ATHARV RAVINDRA
40	58	RAUT GAURAV JIVAN
41	60	RAJE SHUBHAM RAJENDRA
42	61	BHOITE PRATHMESH SAMBHAJI



43	62	WAGHAMBARE MAYUR MOHAN
44	63	MORE DISHA RAHUL
45	65	JADHAV PRASAD NAMDEV
46	66	WAGHMARE PRIYANKA SURYAKANT
47	67	GAIKWAD SUSHANT NARAYAN
48	68	MANE RUPALI SANTOSH
49	69	PHARANDE SHUBHAM SUDHIR
50	70	GANGAVANE PRANITA RAVINDRA
51	71	JAMADADE SNEHAL SANJAY
52	72	KHADASARE SIDDHI NITIN
53	73	KHADASARE RIDDHI NITIN
54	75	TAMBE TEJAS SUBHASH
55	76	MOHITE ROHIT DILIP
56	77	MADAVI GANESH SHANKAR
57	78	GAIKWAD ANKITA MADHUKAR
58	81	BHISE VAISHNAVI SANJAY
59	87	LANDAGE SAURABH RAVINDRA
60	88	BORATE KAUSHIK VIJAY
61	89	NANAVARE ANIKET VIJAY
62	91	MARATHE VAISHNAVI TUKARAM
63	93	JADHAV PRASHANT RAMCHANDRA
64	94	KHAMAKAR RUCHIKA SUNIL
65	97	SALUNKHE DIVYA TANAJI
66	105	SALUNKHE AMIT VILAS
67	106	SHINDE PRATIK PRATAPSIKH
68	107	SHINDE ABHISHEK MOHAN
69	108	JAGATAP AMEY SANJAY
70	109	WADKAR SHUBHAM MADHUKAR
71	110	MAHANGADE ROHIT PRAMOD
72	111	JADHAV JYOTI RAMESH
73	112	SHINDE RUSHIKESH PRABHAKAR
74	113	DHANGAR VISHWADIP ASHOK
75	143	CHAVAN RUTUJA RAJENDRA
76	144	BHOITE SAHIL DEVIDAS
77	145	MULIK GANESH KIRAN
78	146	PAWAR GANESH BALASO
79	147	BHOSALE SHUBHAM BALKRISHNA
80	148	PISAL SHUBHAM KRISHNA
81	149	NIKAM RUTIK RAVINDRA
82	150	JADHAV ROHAN RAJENDRA
83	151	JADHAV OMKAR MANSING
84	152	PISAL KETAN KISHOR
85	153	DHUMAL PRATIK SANJAY
86	154	BHOITE SHUBHAM SANDIP
87	155	MOHITE ANIKET VITTHAL
88	156	SHIVTHARE SANKET SOPAN
89	157	CHAVAN DHIRAJ APPASAHEB
90	158	BELOSHE NIKITA JAYWANT
91	159	GOLE SWAPNIL ANANDRAO
92	160	JADHAV YASH VIKAS
93	161	VARE SHIVANI MAHADEV
94	162	ITHAPE ROHIT SANDIP
95	163	CHAVAN TEJAS DATTATRAY
96	164	SHINDE ADITYA LALASO
97	165	ITHAPE SURAJ SATISH
98	166	KADAM SAKSHI SANDIP



99	167	NANAWARE HIMANSHU AVINASH
100	168	CHORAGE SAKSHI SANTOSH
101	169	CHAVAN GANESH JAYWANT
102	170	WAGH AGAMYA SHANKAR
103	171	KADAM DIVYA ANIL
104	172	SHINDE ANIKET HANMANT
105	173	AGA SAHIL GULAB
106	174	SHINDE ADESH DADASO
107	175	JAGTAP AKSHAY ANIL
108	176	BHOITE VAIBHAVI DIPAK
109	177	GHADAGE YASHASHRI PRAMOD
110	178	DHUMAL PRANALI DHANAJAY
111	179	BHOSALE ROHIT ATUL
112	180	KADAM JAY DIPAK
113	181	CHIKANE MANDAR ANKUSH
114	182	CHIKANE SAKSHI SANDIP
115	183	MORE CHAITANYA MADHUKAR
116	184	SALUNKHE DATTATRAY VIAKAS
117	185	DHANAWADE RAVINDRA RAJENDRA
118	186	PETKAR SANKET SUDHIR
119	187	SHINDE PRASHANT SANJAY
120	188	BHOSALE SUYOG AJIT
121	189	DHUMAL RAJDEEP SANJAY
122	190	JADHAV TEJAS RAMCHANDRA
123	191	JAGTAP VIVEK SUJIT
124	192	SALUNKHE ASHUTOSH SATISH
125	193	DHUMAL SUMIT BALKRISHNA
126	194	BHOSALE SHUBHAM RAVINDRA
127	195	SANKPAL PRATIK SURYAKANT
128	196	SHINDE ANIKET MOHAN
129	197	GAVALI TEJAS RAMESH
130	198	PATANKAR SUMIT SURESH
131	199	NIKAM OMKAR YUVRAJ
132	200	YADAV SONU DEVNARAYAN
133	201	PISAL SATYAJEET MADHUKAR
133	202	SOLASKAR ADITI TARACHAND
134	203	SOLKASKAR AMRUTA DEVIDAS
135	204	PHALAKE GANESH MANSING
136	205	SOLASKAR HARSHADA HANMANT
137	206	BHOSALE ANIKET SAMPAT
138	207	CHAVAN VAISHNAVI VIJAY
139	208	SHELAR OMKAR DNYANESHWAR
140	209	PAWAR RADHIKA LAXMAN
141	210	PARAMANE GAURI SUNIL
142	211	GHARGE ANIKTA RAJENDRA
143	212	GADHAVE GAURAV VIJAY
144	213	NAWADKAR SHUBHAM RAOSAHEB
145	214	NAWADKAR OMKAR UMESH
146	215	GADHAVE TEJAS KALIDAS
147	216	SHINDE SAURABH MOHAN
148	217	GAIKWAD SANKET RAJENDRA
149	218	YEWALE SATVSHEELA SURESAH
150	219	SAWANT KUNAL SANDIP
151	220	GHADAGE ANIKET DNYANESHWAR
152	221	ANPAT AISHAWARYA ARUN
153	222	SHINGATE AKANKSHA BABASO

154	223	SANAS RUSHIKESH SHANKAR
155	224	SHINGATE AARATI SANJAY
156	225	JADHAVRAO SHIVANI ATUL
157	226	VARE SUMIT JAYWANT
158	227	MORE ADITYA VILAS
159	228	JADHAV PRATIKSHA SANJIV
160	231	NIKAM RUTURAJ SANJAY
161	232	ITHAPE OMLKAR UTTAM
162	233	PISAL PRATHMESH PRADEEP
163	234	NIKAM SHUBHAM MAHENDRA
164	237	SALUNKHE JAYASH SATISH
165	238	GADHAVE SAURABH PRALHAD
166	239	ZANJURNE HARSH SANJAY
167	240	RAUT ADITYA LAXMAN
168	241	DHOKALE AISHWARYA SHIVAJI
169	242	MANDHARE ABHISHEK MOHAN
170	244	DAREKAR SANDESH CHANDRAKANT
171	245	CHAVAN HARSHAD ANIL
172	246	PISAL AKASH RAMDAS
173	247	BHOSALE ROHIT DHANAJI
174	248	PAWAR PRATHMESH RAJENDRA
175	249	MANDHARE ABHISHEK SANJAY
176	250	DHAGE OMKAR VIJAY
177	251	SHINDE NIKHIL ANANDRAO
178	253	SHENDKAR DIPRAJ PRAKASH
179	236	PAWAR OMKAR DILIP



## 7. Time Table

JANATA SHIKSHAN SANSTHA'S  
KISAN VEER MAHAVIDYALAYA WAI  
DEPARTMENT OF CHEMISTRY  
TIME TABLE- 2021-22

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
11.00 to 12.00	Theory	Theory	Theory	Theory	Theory	Theory	Theory
12.00 To 1.00	Practical	Practical	Practical	Practical	Practical	Practical	Practical

NOTE: Attendance of all students is compulsory.



*[Signature]*

Course Co-Ordinator

Department of Chemistry

## 8. Attendent Sheets:

Class - B & III Div-       

Subject - Soil & Soil Testing

Paper No.                     

Month                      Year                     

Janata

**KISAN VEER**

Shikshan Sanstha's

**MAHAVIDYALAYA, WAI.**

Month                      Year                     

Sl. No.	Roll No.	Name	28/05/22	29/05/22	30/05/22	01/06/22	02/06/22	03/06/22	04/06/22	05/06/22	06/06/22	07/06/22	08/06/22	09/06/22	10/06/22	11/06/22	12/06/22	13/06/22	14/06/22	15/06/22	Total Prese day	15/06/22	16/06/22	17/06/22	18/06/22	19/06/22	20/06/22	21/06/22	22/06/22	23/06/22	24/06/22	25/06/22	26/06/22	27/06/22	28/06/22	Total Present day
	1	Thombare Akash . D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	4	tupe Prabhakar . S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	5	Gaikwad satshi . S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	8	Ohage Shambhuraray . N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	11	Kumbhar Sourabh . R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	15	Lawar Sakshi . Y.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	18	Khante Siddhi . S	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	19	Nalkwad Pravin . S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		A	P	P	P	P	P	P	P	P	P	P	P	P	P	
	20	Kumbhar Prabhakar . A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	21	Mahangade Komal . D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	22	Pisal Snehal . R.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	23	Dene Shradha . P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	24	Shinde Pragati . J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		A	P	P	P	P	P	P	P	P	P	P	P	P	P	
	25	Sasane Sakshi . Y	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	26	Bagwan Heena . S.	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	27	Kamble Mayan . M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	A	P	P	P	P	P	P	P	P		
	28	Moring Umesh . S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	29	Thomare Piyanka . D	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P		A	P	P	P	P	P	P	P	P	P	P	P	P		
	30	Bagal Ashwanya . S	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	31	Wadkar Akash . V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	A	P	P	P	P	P	P	P	P		
	32	Dabhade Sharvan . M.	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	33	Shirke Kunal . M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	A	P	P	P	P	P	P	P	P	P	P	P		
	35	Gaikwad Akash . V.	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	37	Tarate Vaishnavi . A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P		P	P	P	P	A	P	P	P	P	P	P	P	P		
	39	Mahamuni Chandanu . V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	40	Sonawane Adinath . S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	A	P	P	P	P	P	P	P	P	P	P	P		
	41	Kokan Vishal . V	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	42	Methudale Jayant . R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	43	Gandhale Anubhav . V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P		
	44	Bhosale Suchitra . M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	A	P	P	P	P	P	P	P	P	P	P	P		



Class - B.Sc. III Div - \_\_\_\_\_

Subject - Soil & Soil Testing

Paper No. \_\_\_\_\_

Month \_\_\_\_\_ Year \_\_\_\_\_

Janata

**KISAN VEER**

Shikshan Sanstha's

**MAHAVIDYALAYA, WAI.**

Month \_\_\_\_\_ Year \_\_\_\_\_

Sr. No.	Roll No.	Name	21/04/21	22/04/21	23/04/21	24/04/21	25/04/21	26/04/21	27/04/21	28/04/21	29/04/21	30/04/21	01/05/21	02/05/21	03/05/21	04/05/21	05/05/21	06/05/21	07/05/21	08/05/21	09/05/21	10/05/21	11/05/21	12/05/21	13/05/21	14/05/21	Total Present day
45		Pisal Akanksha M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46		Galkwad Pratham C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47		Galkwad Vikrant J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48		Karande Sonali R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51		Shinde Shrivani S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52		Chikane Prayansh S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53		Salunkhe Prahlad U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54		Chavan Nisha T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57		Joshi Atharva R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58		Raut Gourav J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60		Raje Shubham R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61		Bhoite Prathmesh S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62		Waghmare Mayur M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63		More Nisha R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65		Jadhav Prasad N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66		Waghmare Prayansh S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67		Galkwad Sushant N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68		More Rupali S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69		Pharande Shubham S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70		Gangarane Pranika R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71		Jamdade Snehal S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72		Khadasare Siddhi N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73		Khadasare Riddhi N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75		Tambe Tejas S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76		Mohik Rohit D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77		Madani Ansh S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
78		Galkwad Ankita M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81		Bhise Vaishnavi S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87		Landage Saurabh R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
88		Borate Kavitik V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Class - B.Sc III Div.       

Subject - skill & goal setting

Paper No. \_\_\_\_\_

Janata

Shikshan Sanstha's

# KISAN VEER

**MAHAVIDYALAYA, WAI**

Month \_\_\_\_\_ Year \_\_\_\_\_

Month \_\_\_\_\_ Year \_\_\_\_\_

[illegible]



Class - B.Sc III Div-

Subject - soil & soil testing

Paper No. \_\_\_\_\_

# KISAN VEER

Month \_\_\_\_\_ Year \_\_\_\_\_

Shikshan Sanstha's

**MAHAVIDYALAYA, WA**

Month \_\_\_\_\_ Year \_\_\_\_\_

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Janata

Subject. Soil & Soil testing

Paper No. \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_

# KISAN VEER

Shikshan Sanstha's

**MAHAVIDYALAYA, W/**

Month \_\_\_\_\_ Year \_\_\_\_\_

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## 9. Result of the Course:

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai (Satara)  
Department of Chemistry  
Short term Course

“Analysis of the soil with advanced tool.”

Bsc III 2021-22

Sr. No.	Roll No.	Name	Mark
1	1	THOMBARE AKSHAY DATTATRAY	30
2	4	TUPE PRATIKSHA SURYAKANT	34
3	5	GAIKWAD SAKSHI SANJAY	35
4	8	DHAGE SHAMBHURAJ NANDKUMAR	36
5	11	KUMBHAR SOURABH RAMESH	27
6	15	PAWAR SAKSHI YOGENDRA	31
7	18	KHANDE SIDDHI SANJAY	32
8	19	NAIKWADI PRAVIN SANJAY	35
9	20	KUMBHAR PRATHAMESH ANKUSH	32
10	21	MAHANGADE KOMAL DADA	28
11	22	PISAL SNEHAL RAJENDRA.	30
12	23	DERE SHRADDHA DIPAK	29
13	24	PRAGATI TANAJI SHINDE	33
14	25	SAKSHI HANMANT SASANE	36
15	26	BAGWAN HEENA SADIK	30
16	27	KAMBLE MAYURI MEGHNATH	29
17	28	MOMIN UMER A SHADAB	31
18	29	THORAVE PRIYANKA DINESH	34
19	30	BAGAL AISHAWARYA SOMESHWAR	37
20	31	WADKAR AKASH VIJAY	39
21	32	DABHADE SHARVARI MILIND	32
22	33	SHIRKE KUNAL MANOHAR	31
23	35	GAIKWAD AKASH VIJAY	30
24	37	TARATE VAISHNAVI ANIL	33
25	39	MAHAMUNI SHANTANU VIJAY	29
26	40	SONAWANE ADNINATH SURESH	28
27	41	KOKARE VISHAL VINAYAK	33
28	42	MENBUDALE JAYANT RAMCHANDRA	36
29	43	ANKITA VIJAY GANDHALE	37
30	44	BHOSALE SUCHITRA MADANRAO	38
31	45	PISAL AAKANKSHA MILIND	32
32	46	GAIKWAD PRATHAM CHANDAN	31
33	47	GAIKWAD VIKRANT JALINDAR	30

34	48	KARANDE SONALI RAVINDRA	33
35	51	SHINDE SHIVANI SAYAJI	34
36	52	CHIKANE PRIYANKA SANJAY	31
37	53	SALUNKHE PRATIK UTTAM	32
38	54	CHAVHAN NISHA TANAJI	30
39	57	JOSHI ATHARV RAVINDRA	33
40	58	RAUT GAURAV JIVAN	34
41	60	RAJE SHUBHAM RAJENDRA	35
42	61	BHOITE PRATHMESH SAMBHAJI	39
43	62	WAGHAMBARE MAYUR MOHAN	37
44	63	MORE DISHA RAHUL	38
45	65	JADHAV PRASAD NAMDEV	30
46	66	WAGHMARE PRIYANKA SURYKANT	29
47	67	GAIKWAD SUSHANT NARAYAN	31
48	68	MANE RUPALI SANTOSH	32
49	69	PHARANDE SHUBHAM SUDHIR	36
50	70	GANGAWANE PRANITA RAVINDRA	35
51	71	JAMDAD SNEHAL SANJAY	37
52	72	KHADSARE SIDDHI NITIN	39
53	73	KHADSARE RIDDI NITIN	33
54	75	TAMBE TEJAS SUBHASH	32
55	76	MOHITE ROHIT DILIP	36
56	77	MADAVI GANESH SHANKAR	35
57	78	GAIKWAD ANKITA MADHUKAR	31
58	81	BHISE VAISHNAVI SANJAY	30
59	87	LANDAGE SAURABH RAVINDRA	28
60	88	BORATE KAUSHIK VIJAY	38
61	89	NANAVARE ANIKET VIJAY	31
62	91	MARATHE VAISHNAVI TUKARAM	34
63	93	JADHAV PRASHANT RAMCHANDRA	37
64	94	KHAMKAR RUCHIKA SUNIL	38
65	97	SALUNKHE DIVYA TANAJI	31
66	105	SALUNKHE AMIT VILAS	32
67	106	SHINDE PRATIK PRATAPSIKH	34
68	107	SHINDE ABHISHEK MOHAN	33
69	108	AMEY SANJAY JAGTAP	31
70	109	WADKAR SHUBHAM MADHUKAR	34
71	110	MAHANGADE ROHIT PRAMOD	37
72	111	JADHAV JYOTI RAMESH	39
73	112	SHINDE RUSHIKESH PRABHAKAR	32
74	113	VISHWADIP ASHOK DHANGAR	34
75	143	CHAVAN RUTUJA RAJENDRA	31



76	144	BHOITE SAHIL DEVIDAS	39
77	145	MULIK GANESH KIRAN	31
78	146	PAWAR GANESH BALASO	32
79	147	BHOSALE SHUBHAM BALKRUSHNA	34
80	148	SHUBHAM KRISHNA PISAL	36
81	149	NIKAM RUTIK RAVINDRA	37
82	150	JADHAV ROHAN RAJENDRA	32
83	151	JADHAV OMKAR MANSING	34
84	152	PISAL KETAN KISHOR	39
85	153	DHUMAL PRATIK SANJAY	38
86	154	BHOITE SHUBHAM SANDIP	32
87	155	ANIKET VITTHAL MOHITE	33
88	156	SHIVATHARE SANKET SOPAN	36
89	157	CHAVAN DHIRAJ APPASAHEB	37
90	158	BELOSHE NIKITA JAYWANT	32
91	159	GOLE SWAPNIL ANANDRAO	31
92	160	JADHAV YASH VIKAS	30
93	161	VARE SHIVANI MAHADEV	29
94	162	ITHAPE ROHIT SANDIP	33
95	163	CHAVAN TEJAS DATTATRYA	34
96	164	SHINDE ADITYA LALASO	36
97	165	ITHAPE SURAJ SATISH	37
98	166	KADAM SAKSHI SANDIP	39
99	167	NANAWARE HIMANSHU AVINASH	38
100	168	CHORAGE SAKSHI SANTOSH	39
101	169	CHAVAN GANESH JAYWANT	37
102	170	WAGH AGAMYA SHANKAR	39
103	171	KADAM DIVYA ANIL	37
104	172	SHINDE ANIKET HANMANT	31
105	173	AGA SAHIL GULAB	36
106	174	SHINDE ADESH DADASO	37
107	175	JAGTAP AKSHAY ANIL	32
108	176	BHOITE VAIBHAVI DIPAK	38
109	177	GHADAGE YASHASHRI PRAMOD	32
110	178	DHUMAL PRANALI DHANANJAY	33
111	179	BHOSALE ROHIT ATUL	35
112	180	KADAM JAY DIPAK	32
113	181	CHIKANE MANDAR ANKUSH	33
114	181	CHIKANE MANDAR ANKUSH	34
115	182	CHIKANE SAKSHI SANDIP	35
116	183	MORE CHAITANYA MADHUKAR	36
117	184	SALUNKHE DATTATRAY VIKAS	31



		DHANAWADE RAVINDRA RAJENDRA	32
118	185	PETKAR SANKET SUDHIR	31
119	186	SHINDE PRASHANT SANJAY	36
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122	189	JADHAV TEJAS RAMCHANDRA	35
123	190	JAGTAP VIVEK SUJIT	31
124	191	SALUNKHE ASHUTOSH SATISH	32
125	192	DHUMAL SUMIT BALKRISHNA	34
126	193	BHOSALE SHUBHAM RAVINDRA	36
127	194	SANKPAL PRATIK SURYAKANT	37
128	195	ANIKET MOHAN SHINDE	31
129	196	TEJAS RAMESH GAVALI	32
130	197	SUMIT SURESH PATANKAR	29
131	198	NIKAM OMKAR YUVRAJ	33
132	199	YADAV SONU DEVNARAYAN	31
133	200	PISAL SATYAJEET MADHUKAR	32
134	201	SOLASKAR ADITI TARACHAND	33
135	202	SOLASKAR AMRUTA DEVIDAS	34
136	203	PHALKE GANESH MANSING	36
137	204	SOLASKAR HARSHADA HANMANT	31
138	205	BHOSALE ANIKET SAMPAT	38
139	206	CHAVAN VAISHNAVI VIJAY	31
140	207	SHELAR OMKAR DNYANESHWAR	33
141	208	PAWAR RADHIKA LAXMAN	29
142	209	PARAMANE GAURI SUNIL	36
143	210	GHARGE ANKITA RAJENDRA	37
144	211	GADHAVE GAURAV VIJAY	38
145	212	NAWADKAR SHUBHAM RAOSAHEB	37
146	213	NAWADKAR OMKAR UMESH	31
147	214	GADHAVE TEJAS KALIDAS	32
148	215	SHINDE SAURABH MOHAN	34
149	216	GAIKWAD SANKET RAJENDRA	39
150	217	YEWALE SATVASHEELA SURESH	31
151	218	SAWANT KUNAL SANDIP	38
152	219	GHADAGE ANIKET DNYANESHWAR	32
153	220	ANPAT AISHWARYA ARUN	34
154	221	SHINGATE AKANKSHA BABASO	35
155	222	SANAS RUSHIKESH SHANKAR	37
156	223	SHINGATE ARAJI SANJAY	38
157	224	JADHAVRAO SHIVANI ATUL	39
158	225	VARE SUMIT JAYWANT	32
159	226		



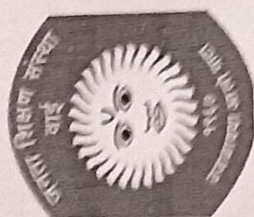
160	227	MORE ADITYA VILAS	34
161	228	JADHAV PRATIKSHA SANJIV	32
162	231	NIKAM RUTURAJ SANJAY	38
163	232	ITHAPE OMKAR UTTAM	37
164	233	PISAL PRATHAMESH PRADIP	33
165	234	NIKAM SHUBHAM MAHENDRA	34
166	237	SALUNKHE JAYASH SATISH	36
167	238	GADHAVE SAURABH PRALHAD	37
168	239	ZANJURNE HARSH SANJAY	38
169	240	RAUT ADITYA LAXMAN	31
170	241	DHOKALE AISHWARYA SHIVAJI	33
171	242	MANDHARE ABHISHEK MOHAN	34
172	244	DAREKAR SANDESH CHANDRAKANT	35
173	245	CHAVAN HARSHAD ANIL	36
174	246	PISAL AKASH RAMDAS	32
175	247	BHOSALE ROHIT DHANAJI	33
176	248	PAWAR PRATHAMESH RAJENDRA	34
177	249	MANDHARE ABHISHEK SANJAY	33
178	250	DHAGE OMKAR VIJAY	32
179	251	NIKHIL AANANDRAO SHINDE	35
180	253	SHENDKAR DIPRAJ PRAKASH	37



*Dr. [Signature]*

**Head**  
**Department Of Chemistry**  
**Kisan Veer Mahavidyalaya, Wai**

## 10. One Sample Certificate of the pass



Janata Shikshan Sanstha's

**Kisan Veer Mahavidyalaya, Wai**

Tal-Wai, Dist-Satara, Maharashtra (India)-412803

( NAAC Status - Grade 'B+' CGPA 2.66 )



### CERTIFICATE

This is to Certify that Mr/Miss Deve Shraddha Deepak has completed short-term course in

**"ANALYSIS OF SOIL WITH ADVANCED TOOL"**

Organized by

Department of Chemistry, during the year 2021-22

12/6/22  
Co-ordinator  
Department of Chemistry

12/6/22  
Head

Department of Chemistry

12/6/22  
Principal

Kisan Veer Mahavidyalaya, Wai

Date : 01/06/2022



