

## BEST PRACTICE

### Title of the Practice: HERBAL GARDEN

#### • Objectives of the Practice:

1. The purpose of the herbal garden is to educate society about the preservation and traditional applications of herbs and medicinal plants.
2. It also serves as a resource for students, farmers, and others to learn how to recognise and protect these significant plants.
3. Popularization of importance and use of medicinal plants in the vicinity of Rahata tehsil.

#### •The Context

Due to modern lifestyle, some diseases that were formerly extremely rare have now become frequent diseases. Recently the world has come across the wave of COVID-19 pandemic, these herbal plants have played an important role in curing and preventing from spreading the infection.

Developed and Developing nations have used herbal therapy and its formulations extensively for thousands of years. Herbal medicines are the culmination of hundreds of years' worth of therapeutic experience gained from generations of practising physicians in indigenous medical systems. Due to their effectiveness, safety, and lack of negative side effects, they are also highly sought after for all health care issues. India has a wealth of documented and well-utilized traditional herbal medical knowledge. Herbal medications and herbo-mineral formulations are the mainstays of the Indian systems of medicine, including Siddha, Ayurveda, and Unani. The preparations come in two forms: as single herbs or as blends of several herbs. This might be the primary factor behind oriental food quality regulation. Creating awareness and promotion of this invaluable knowledge is the need of the hour due to modern lifestyle.

#### •The Practice:

The institute is situated in an eco-friendly campus, the college follows the finest practises for cultivating and maintaining a garden of medicinal plants. In this garden, various medicinal plant varieties are planted.

Department of Botany has established a plant nursery, where saplings of Medicinal plants are prepared, these saplings are distributed among the farmers as well as they are gifted during felicitation of guests in all the programs.

The names of the medicinal plants available in Medicinal Garden,

Sr.No	Botanical Name	Sr.No	Botanical Name
1	<i>Gymnemasylvestres</i>	31	<i>Abrus pericatorius Linn.</i>
2	<i>Adansonia digitata</i>	32	<i>Coleus aromaticus</i>
3	<i>Saraca indica Linn.</i>	33	<i>Hibiscus rosa-synensis Linn.</i>
4	<i>Annona muricata</i>	34	<i>Tinospora cordifolia (Wild) Miers</i>
5	<i>Spilanthesacmella Murr.</i>	35	<i>Aloe vera Linn.</i>

6	<i>Mimusopselengi</i>	36	<i>Nyctanthesarbortristis Linn.</i>
7	<i>Commiphoramukul Hook</i>	37	<i>Acacia catechu willd.</i>
8	<i>Chlorophytum borivilianum</i>	38	<i>Plumbago rosea Linn.</i>
9	<i>Myristica fragrans Houtt.</i>	39	<i>Osimum Sp.</i>
10	<i>Semecarpus anacardium Linn.</i>	40	<i>Eclipta alba Hassk.</i>
11	<i>Oroxylum indicum Vent.</i>	41	<i>Holarrhenaantidysentrica wall.</i>
12	<i>Morindacitrifolia Linn.</i>	42	<i>Nerium indicum Mill.</i>
13	<i>Embeliaribes Burm F.</i>	43	<i>Vitex negundo Linn.</i>
14	<i>Piper longum Linn.</i>	44	<i>Mentha arvensis</i>
15	<i>Gemelina arborea Linn.</i>	45	<i>Caesalpinia bonducella Fleming</i>
16	<i>Bixa Orellana Linn.</i>	46	<i>Vetiveriazizanioides (Linn.) nash</i>
17	<i>Rauwolfia serpentine</i>	47	<i>Lawsoniainermis</i>
18	<i>Careya arborea Roxb.</i>	48	<i>Mimosa pudica</i>
19	<i>Swietenia mahogoni</i>	49	<i>Andrographis paniculata</i>
20	<i>Cordia Dichotoma</i>	50	<i>MurrayaKoenigii</i>
21	<i>Rutagraveloens Linn.</i>	51	<i>Cassia fistula Linn.</i>
22	<i>Acacia concinna De</i>	52	<i>Bryophyllumpinnatum</i>
23	<i>Terminalia chebula</i>	53	<i>Manilkara hexadndra</i>
24	<i>WithaniasomniferaDunal</i>	54	<i>Bauhinia veriegata</i>
25	<i>Cissus quadrangularis</i>	55	<i>Tinospora cordifolia (Wild) Miers.</i>
26	<i>Garcina indica</i>	56	<i>Aleo vera</i>
27	<i>Piper nigrum</i>	57	<i>Saracaasoca</i>
28	<i>Rita graveolens</i>	58	<i>Baubinavariegata</i>
29	<i>Mimosa pudica</i>	59	<i>Curcuma longa l</i>
30	<i>Caesuliaoxillarisroxb</i>	60	<i>Cissus quadrangularis</i>

As a part of this activity the institute organizes various awareness activities for the students and localised farmers like *Vanmahotsav*, Tree Plantation Program, expert lectures in the nearby villages. The institution in collaboration with the *Regional Cum Facilitation Centre Western-Region* (National Medicinal Plant Board, Ministry of AYUSH, Government of India) Department of Botany SPPU, Pune, has hosted the program of distributing medicinal plants (*Swarajya Mahotsav*) among the farmers.

#### •Evidence of Success:

The use of medicinal herbs in the form of decoction during the COVID-19 Pandemic was facilitated among the staff by creating awareness through various social media. It was evident that there was not a single causality among the staff.

Every staff donates and plants five saplings of medicinal plants on the occasion of his/her birthday. This practice has created awareness among the students not only to plant a tree but also to conserve it.

Under *Vanmahotsav* activity around 500 saplings were planted in the villages of Pimplas, Sakuri, Kelwad, Khadakewake and Ekrukhe. These 500 samplings have been adopted by 500 families through Grampanchayats of respective villages.

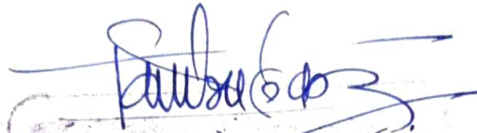
The traditional knowledge of medicinal plants was popularised among the students and their relatives through informative booklet "*Aajibaicha Batva*". The booklet contains




Scientific and precise information regarding common and widely accessible therapeutic herbs.

**•Problem encounter and resource required:**

The college is situated in the rain shadow area; the major challenge is availability of water during summer season. Although there is a farm pond for storage of water, it was not sufficient. The drip irrigation was employed and separate connection from water reservoir of Grampanchayat is required.

  
IQAC, Co-ordinator  
ASC College, Rahata



  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata

# Arts, Science and Commerce College Rahata

## Department of Botany (2021-22)

### Distribution of Medicinal Plant

Date- 08/01/2022

The Department of Botany has taken an initiative to spread awareness about the medicinal properties of various plants. In an effort to promote the use of herbal remedies, the department has distributed various medicinal plants in Astagaon, Cholkewadi, Kelwad, and Rahata. These plants have been carefully selected for their proven ability to cure various ailments, and their easy availability in the local region. The department has also provided detailed information about the plants, including their scientific names, common names, and usage, to encourage the local communities to make use of them. The distribution of these medicinal plants is part of the department's larger goal of promoting sustainable healthcare practices and preserving traditional knowledge about herbal remedies.

Sr.No.	Name	Name of the Plant	Quantity	Signature
1	Anil Trimbak Desai	Adulsa	05	
2	Valmik Bhausahab Gorde	Nirgudi	05	
3.	Mahesh Vijay Kulkarni	Adulsa	05	
4.	Akshay somnath Landage	Nirgudi	05	
5.	Akash Dilip Rokade	Arjuna	05	
6.	Harikisan Trimbak Tarkase	Gulvel	05	
7.	Madhav Nanasahab chakre	Adulsa	05	
8.	Balasaheb sahebrao kapse	Nirgudi	05	
9.	chandrakant Vithal Lande	Gulvel	05	
10.	Nitin Nirnuthi Londhe	Adulsa	05	

IQAC, Co-ordinator  
ASC College, Rahata

PRINCIPAL  
Art's Science & Commerce  
College, Rahata

HEAD

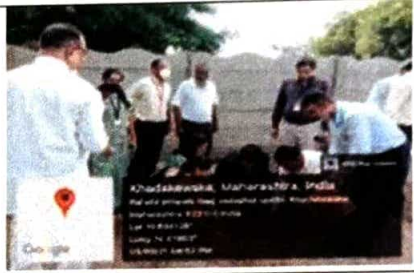
Department Of Botany  
Art's Science & Commerce College  
Rahata.423107





Inaugural of Herbal Garden with auspicious hands of Hon'ble Shri RadhakrushnaVikhe Patil, Minister, Govt. of Maharashtra

Inaugural of Herbal Garden with auspicious hands of Guests of Honour



Plantation by Chief Guest and Guests of Honour



Students with Hon'ble Shri RadhakrushnaVikhe Patil Sir

Faculty with Hon'ble Shri RadhakrushnaVikhe Patil Sir



Plantation by Chief Guest and Guests of Honour



Plantation by Chief Guest and Guests of Honour







Medicinal Plantation in college campus by Adv.Ragunathrao Bothe Patil and Shri.Dnyneshwar Lokhande and Principal and Staff.



Plantation of Medicinal plants in college Campus



Plantation of Medicinal Plants in college campus



To

Date- 6/01/2022

The Principal

Arts Science and Commerce College, Rahata

**Subject:** Regarding obtaining permission to celebrate **Vanamahotsav...**

Sir,

Pursuant to the aforesaid subject, Vanamahotsav-2022 is to be celebrated under the Department of Botany and Geography. It is intended to plant 500 different types of trees for the said program. It is also planned to plant these trees in various villages around the college (Sakuri, Pimplas, Ekrukhe, Khadkewake etc.). It has been decided to organize the said program in order to create social commitment among the students and to conserve the environment. However, we humbly request you to allow permission to take the above program.

Attended  
D. S.  
6/1/2022

Your faithfully

  
Dr. V.S. Patil

Shirdi Sai Rural Institute  
Arts, Science and Commerce College, Rahata  
Department of Botany and Department of Geography

**“Vanamahotsav”**

Date -- January 7 to January 8, 2022 Time: 10.00 am

Venue: Pimplas, Khadkewake ,Ekarukhe, Sakuri

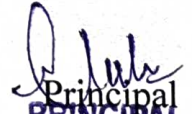
Plantation of trees has been planned in the above village under “Vanamahotsav 2022”, students of National Service Scheme and students of college should be taken to plant trees in said village.

The responsibility of the said program is given to the following teachers –

1. Dr. V. S. Patil
2. Prof. C. M. Bansode
3. Dr. S. R. Potdar
4. Prof. P. G. Bothe

Note.- Buses and plants are provided for the above program.



  
Principal  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata



## REPORT ON VANMAHOTSAV- 2022


Department of Botany and Department of Geography of Arts, Science and Commerce college, Rahata have been jointly organized Vanmahotsav- 2022 on 7<sup>th</sup> January, 2022 and 8<sup>th</sup> January, 2022 under the guidance of Hon. Director Dr. Mahesh Kharde sir and Hon. Principal Prof. Sanjay Lahare Sir. Greenery, as a whole, helps in maintaining ecological balance. Since trees are such a vital part in the ecosystem, it is the duty of each and every individual to preserve vegetation and root for a healthy, pollution-free environment.


However, due to urbanisation and industrialisation, more and more trees are cut down every day. Deforestation is an emerging concern and Van Mahotsav aims to conflict the environmental imbalance caused due to this action. So the main aim of the programme was to inculcate the socialism within students. It aims to encourage students of our college to plant more and more trees. Deforestation is a serious concern, hence Van Mahotsav aims to bring more and more people together to grow and save forests in the country. Therefore we planted trees and celebrated Vanmahotsav on 7<sup>th</sup> January and 8<sup>th</sup> January, 2022 in nearby villages of Rahata tahsil.


In this event we planted about 500 various kinds of plants with the help of our college, students, NCC Girls cadets and teachers. Dr. Varsha Patil, Prof. C. M. Bansode, Miss. P. G. Bothe and Dr. S.R.Potdar have been taken efforts for the successful completion of the programme.

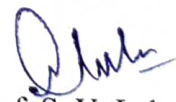
List of the Plants used for plantation-

1. Kanchan- 150
2. Neem- 100
3. Amla-100
4. Hirda-50
5. Karanj-100

  
Dr. Varsha S. Patil  
(CO-Ordinator)

  
C. M. Bansode  
(CO-Ordinator)

  
IQAC Coordinator

  
Prof. S. V. Lahare  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata





Medicinal Tree Plantation in Sakuri



Medicinal Tree Plantation in Khadakewake



Medicinal Tree Plantation in Pimplas



Medicinal Tree Plantation in Ekarukhe

*Faithful*  
ICAE Coordinator



*Prakash*  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata



“ग्रामपंचायत हाच खरा लोकशाहीचा पाया आहे”

# ग्रामपंचायत कार्यालय, खडकेवाके

तालुका. राहाता (स्थापना १६/११/१९६६) जिल्हा.अ.नगर



१६/११/२०२२

दिनांक 11/01/2022

मा. प्राचार्य सौ ||

कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता  
ता.राहाता जि. अहमदनगर.

विषय: वनमहोत्सव २०२२ अंतर्गत वृक्ष लागवड केल्याबद्दल आभार पत्र.....

महोदय,

वरील विषयास अनुसरून, आपल्या महाविद्यालयातील वनस्पतीशास्त्र विभाग व भूगोल विभाग यांनी वनमहोत्सव २०२२ अंतर्गत दिनांक ७ जाने, २०२२ रोजी आमच्या खडकेवाके या गावात एकूण १२५ वृक्षांची लागवड केल्याबद्दल आपले मनपूर्वक हार्दिक आभार.

आपण वृक्षारोपण केलेल्या वृक्षांचे संरक्षण व संवर्धन करण्याची जबाबदारी सर्व ग्रामस्थांनी स्वीकारली आहे.

! धन्यवाद !

  
ग्रामसेवक

ग्रामपंचायत कार्यालय, खडकेवाके  
ता राहाता, जि. अहमदनगर

  
असुरपंच

ग्रामपंचायत कार्यालय, खडकेवाके  
ता. राहाता, जि. अहमदनगर



ग्रामपंचायत हाच खरा लोकशाहीचा पाया आहे.

ग्रामपंचायत कार्यालय, पिंपळस



ता. राहाता (स्थापना-२६-०२-१९९९) जि. अहमदनगर

Email Id- gppimpalas1@gmail.com

क्र. आ. क. ०६०/२०२२



दिनांक- 07/01/2022

क्र. आ. क. ०६०/२०२२

प्रति

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राहाता

विषय: वनमहोत्सव २०२२ अंतर्गत वृक्ष लागवड केल्याबद्दल आभार पत्र.....

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आपण वृक्षारोपण केलेल्या वृक्षांचे संरक्षण व संवर्धन करण्याची जबाबदारी सर्व ग्रामस्थांनी स्वीकारली आहे.

धन्यवाद.

  
सरपंच

ग्रामपंचायत कार्यालय, पिंपळस  
ता. राहाता, जि. अहमदनगर



ग्रामपंचायत कार्यालय एकरुखे ता. राहाता

जि. अहमदनगर



जा. क्र. १२२/२०२२

दि १२/०१/२०२२

मा. प्राचार्य साहेब,  
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ता. राहाता जि. अहमदनगर

विषय: वनमहोत्सव २०२२ अंतर्गत वृक्ष लागवड केल्याबद्दल आभार  
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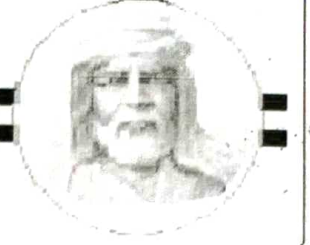
# ग्रामपंचायत कार्यालय, साकुरी

☎ (०२४२३) २४२२०९

ता. राहाता

( स्थापना - १७/०५/१९५२ )

जि. अहमदनगर



ज.सं. १४०/२०२२

दिनांक- १२/०१/२०२२

प्रति

मा. प्राचार्य

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विषय: वनमहोत्सव २०२२ अंतर्गत वृक्ष लागवड केल्याबद्दल आभार पत्र.....

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धन्यवाद.

सरपंच

ग्रामपंचायत कार्यालय, साकुरी  
ता. राहाता, जि. अहमदनगर



## **Title of the Practice: COMMUNITY OUTREACH PROGRAMME.**

### **• Objective of the Practice:**

1. To aware people about importance and use of renewable energy.
2. To acquaint the farmers with modern techniques in agriculture sectors and sustainable agricultural practices.
3. To create awareness on various aspects of socio-economic commitment and development.
4. To popularize traditional and modern land measurement and survey techniques.
5. To contribute in sensitizing people on various health issues.
6. To inculcate social commitment among students and make them responsible citizens.

### **•The Context:**

As the institute is located at Grampanchayat level, which is surrounded 14 small villages. The community in these villages are basically farmers with different traditional customary culture, poor socio-economic condition and not well-versed with modern techniques. In this regard, the institution has taken initiative and conducted various community outreach activities as a part of social commitment.

### **• The Practice:**

To fulfil the objective of the practice various activities were distributed among the department of the college.

1. To aware the people about renewable energy and its importance, department of Physics organized solar energy popularization programme. Solar Cooker, Solar Water Heater, Solar dryer, Solar distillation plants, Photo-Voltaic system and Fresnel lances were demonstrated and their function and use were explained. Various state and central government schemes were discussed and explained the process of application.

2. Soil and water quality plays a vital role in agriculture. The analysis of soil and water quality parameters helps the farmers to take decisions about cropping pattern and increase the productivity. The department of Chemistry carried out soil and water testing activity to assess the current status of water and soil quality.

This activity was conducted in the nearby villages by analysing the pH, hardness, conductivity, various micro and macro components. The scientific technique of soil sampling was demonstrated and on site preliminary analysis was carried out with the help of soil and Water Analysis Kit. Based on the result suggestions were given to the farmers.

3. It was observed that, the level of organic carbon has considerably reduced due to extensive use of chemical fertilizers and pesticides which has drastically reduced the quality and yield. To increase the organic carbon in the soil use of vermicomposting has played an important role; keeping this in mind the department of Zoology has initiated a program on awareness and training of vermicomposting. Detailed information about strain of earthworm, temperature to be maintained, filling material and procedure was given to the farmers for

maximum production of vermicompost. Various awareness programs were organized to motivate the farmers about use of vermicompost.

4. In last few years, e-commerce has become an essential part of daily life, the government is promoting online banking, cashless transaction, e-marketing etc. as a part of globalisation. In the rural areas, there is a fear in the mind of peoples for e-commerce. To eradicate this fear, the Department of Commerce has organized Consumer Awareness Programme in which guidance was given on issues related to consumer fraud, online fraud, how to do safe transactions and safe online shopping, how to complain and where to register complaint about the fraud etc. were explained.

5. The socio-economics issues from the nearby villages were identified by conducting survey. To address prioritised issues department of Social Sciences and Humanities organized various activities like street plays, training programmes, demonstration activities and guidance on relevant themes. These activities had not only helped the stake holders but also imbibed social obligation among the students.

#### ●Evidence of Success:

The success of community outreach program is evident as follows,

- 1) There was not a single family using renewable energy, but due to the efforts taken by institution 7 families in Ekrukhe village installed solar water heaters. Similar results have been reflected in surrounding villages.
- 2) Soil and water analysis activity carried out in nearby villages has created awareness among the farmers and about 110 farmers have reached for soil and water analysis. This has helped the farmers to select appropriate crop and it was seen that grape cultivation was increased.
- 3) Training on vermicomposting to the students and the farmers has helped in increasing the use of vermicompost and organic farming. The grape farmers visited vermicomposting unit in the institute for training and getting guidance regarding various schemes of government for establishment of vermicomposting unit. The institute has also assisted them to procure good species of earthworm from Earth-rich Vermicomposting Pvt. Ltd.
- 4) Use of E-Commerce has increased among the stake holders. People became cautious while doing online trade, transactions which avoided frauds. Awareness about not sharing personal information like pin, password, OTP, card details, account number etc. has alerted community.
- 5) The community outreach program has partially uplifted socio-economic status in the villages. The increased participation of villagers in activities like *Vanmahotsav*, Vaccination drive, various campaigns, and special camps itself indicated the usefulness of these outreach program.

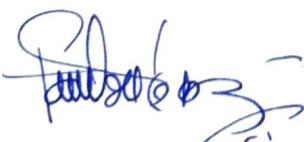


## Community Outreach Programme 2021-22.

Sr. No.	Name of the Activity	Name of the Department	Date	Number of Participants
1	Information about handling of GPS Instrument at Adgoan Village.	Geography	05-Jan-22	18
2	Solar Energy Popularization Program.	Physics	06-Jan-22	4 - Staff, 16-Student.
3	Employment Opportunities in Hindi	Hindi	04-Feb-22	145
4	Guidance to HSC students for the preparation for the Board Examination.	English	23-Feb-22	173
5	Socio- Economic Survey slum area in Rahata City	Economics	01/03/2022	50
6	Soil Water Analysis	Chemistry	1 April 2022 to 30 June 2022.	35
7	Modi Lipi training Program to student and community	Marathi	25 April 2022 to 30 April 2022	40
8	Vermicompost Bin Preparation	Zoology	11-May-22	62 Students and 32 Farmers.
9	Consumer Protection Act Awareness Rally	Commerce	24-Dec-21	76

### •Problem encounter and resource required:

The people of rural area have a definite mind-set and they are not ready to easily accept the changes. This was the major problem faced, which was resolved by organising regular activities in frequent intervals.

  
IQAC COORDINATOR



  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata

SSRI's,  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**  
**Department of Geography**

**Outreach activity: Information about handling of GPS Instrument at Adgoan Village.**

**Date- 05/01/2022**

**Aims and objective:**

1. To handle GPS instrument.
2. To aware common people about GPS and its application.

**Area selected:** Adgoan Village

**Contributors:** Dr. Nalage D.M.  
Mr. Bansode C.M.

**Participants:** People of Adgoan village, Student-18

**Outcomes:** People can do following things from this activity:

1. People can use and handle GPS;
2. People can know about application of GPS in various fields;
3. They will use GPS for day to day activities such as finding address, mobile tracking, distance measure etc.

**Content:**

1. Techniques of GPS instruments.
2. Application of GPS in various field.



## Report

To extend the subject knowledge of Geography to society at large and common people in Adgoan village in particular; the department of geography has decided to conduct demo session of GPS in front of common man of Adgoan village. The teachers and students of the department approached to the various *chouk* within the village and the concerned people and sought their permission regarding the same. In the month of January, Dr. Nalge D.M. and Mr. C.M. Bansode Both conducted sessions along with students and people on the important GPS.

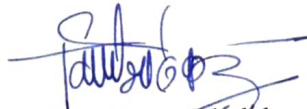
People mainly not aware about this such technology and less educated they can use also easily used GPS. How to handle GPS, basic required thing about GPS handling, truth and fact of GPS and there application in various sectors etc were discuss with the people.

Dr. Nalge D.M. HoD, Geography and Mr. C.M. Bansode Both took efforts to make the activity successful. Dr. Mahesh Kharde, Director of SSRI and Principal Mr. Sanjay Lahare guided the staff and motivated them to conduct such activities. People got useful tips and day to day used of GPS, simple way land measurement, tracking people, finding address, speed calculation, elevation and slope measurement therefore many people personally told the teachers about the usefulness of the programme.

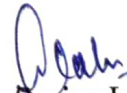
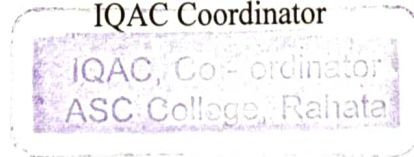


Dr. Nalge D.M.  
HoD, Geography

**Department of Geography**  
Arts, Science & Commerce College  
Rahata-423107, Dist. Ahmednagar



Dr. Vikram Bhalekar  
IQAC Coordinator



Mr. Sanjay Lahare

**I/C PRINCIPAL**  
Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar.



## Information about handling of GPS Instrument at Adgoan Village Photographs



**Demonstration of GPS in Front of People at Adgoan Village**



**Demonstration of GPS in Front of People at Adgoan Village.**





# Department of Physics

## Arts, Science and Commerce College, Rahata

### Extension Activity For Nearby Villagers Solar Energy Popularization Program-2021-22

- Aims and objective:**
1. To create awareness about use of Solar Energy in daily life.
  2. To Guide students, stakeholders; about working of Solar light operated instruments.
  3. To give demonstrations about handling process of Solar cooker, solar dryer, solar heater, PV system, etc.
  4. To motivate and encourage the visitors, students, for use of Solar Instruments.
  5. Awareness about Energy saving, pollution due to Electricity generation.

**Beneficiaries:** Students, Villagers, stakeholders from nearby villages.

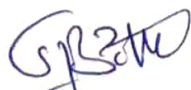
**Contributors:** Students of SYBSc and TYBSc physics will work as Volunteers during activity and Staff of Physics department will supervise the demonstration and activity.

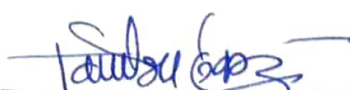
**Outcomes:** Students/Visitors will learn following things from this activity:


1. They will learn about techniques of use of solar instruments.
2. Students will acquire demonstration skill of various instruments.
3. Visitors get knowledge about working and operation of various instruments like Solar Cooker, heater, dryer, etc. They will understand the skills in writing essays, summary etc.
4. They will understand necessity of solar energy for their future.

**Conduction of activity/Content:**

1. Students Prepare a poster of solar instrument showing its various parts.
2. Students give live demonstration of various instruments.
3. Students will answer questions regarding working and explain benefits of instrument.
4. Students clarify queries of visitors and encourage to use Solar instruments.
5. Explains benefits of solar energy and its scope in future for mankind.

  
Head of Department  
**HEAD**  
Dept. of Physics  
Arts, Sci. & Comm. College, Rahata

  
IQAC Coordinator  
IQAC, Co-ordinator  
ASC College, Rahata

  
Principal  
Arts Science & Commerce  
College, Rahata



# Department of Physics

## Arts, Science and Commerce College, Rahata

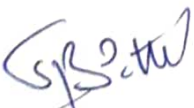
Extension Activity For Nearby Villagers

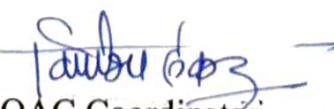
### Solar Energy Popularization Program-2021-22


Department of Physics runs an extension activity as **Solar Energy Popularization program** for native villagers. Our energy popularization focuses on raising awareness by educating all stakeholders. Our college manages the program to ensure that all the students are engaged and motivated through people and use the energy conservation material. Once student understand and become fully aware of the benefits of energy efficiency they become an important tool in helping you achieve your energy management goals.

As a social commitment, teachers and students of our department visit nearby village Ekrukhe on **6<sup>th</sup> January 2022** to popularize & promote use of renewable energy sources, especially Solar Energy. There are 16 students and 4 teachers participated in this extension activity. During the visits, awareness is created about the pollution & climate change, efficient use of electrical home appliances & renewable energy utilizing devices . Students of physics department explained working of solar dryer, solar cooker, parabolic reflector, PV system to the visitors. With the help of demonstrations, people get idea and get aware about necessity of use of solar energy. All NSS volunteers, program officers, school students and villagers visited and participated in this extension activity.

Department of Physics is very thankful to Dr. M. N. Kharde, Director of SSRI, Prof. S. V. Lahare, Principal of College, Dr. D. N. Dange, NSS program officer, Mr. Jitendra Gadhawe, Sarpanch, Mrs. Saatav, Mr. Bhawar Members of Grampanchayat for giving an opportunity to serve society during NSS winter camp.

  
Head of Department  
**HEAD**  
Dept. of Physics  
Art's, Sci. & Comm. College, Rahata

  
IQAC Coordinator  
IQAC, Co-ordinator  
ASC College, Rahata

  
Principal  
Art's Science & Commerce  
College, Rahata





'Shirdi Sai Rural Institutes,

# ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)

(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)

Email: ssripravara@rediffmail.com,

Phone- (02423) 243892, 242391

rahatacollege@rediffmail.com

Fax- (02423) 242488

Website: <http://ascrahata.org>



Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011- 12)

Recipient of "Best Rural College Award", University of Pune (2013)

NAAC RE-ACCREDITED "B++" GRADE COLLEGE

## Department of Physics

### Impact of Solar Energy Popularization Activity

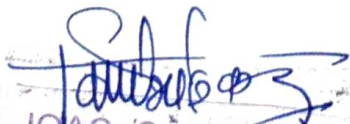
Department of Physics conducted an extension activity of Solar Energy Popularization in academic year 2021-22 during NSS special winter camp held in Ekrukhe village from 02/01/2022 to 08/01/2022. The students and volunteers visited houses and shops of villagers and explained working of various solar instruments at site of NSS camp.

After the activity of department a survey regarding use of solar instruments is carried out, in which volunteers found that three villagers setup a solar water heater in their house for domestic use.

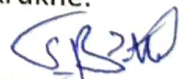
Following is the List of villagers who installed solar water heater.

Sr. No.	Name of House Owner	Solar Instruments used	Mobile number
01	Mr. Rushikesh Dhanwate	Solar water heater	9529723223
02	Mr. Uttamchand Munawat	Solar water heater	9763870701
03	Mr. Maruti Bharude	Solar water heater	9881841716
04	Mr. Maruti Gadhave	Solar water heater	9860843739
05	Mr. Sangram Satav	Solar water heater	9096544352
06	Mr. Sagar Gadhave	Solar water heater	9623709797
07	Mr. Sunil Shinde	Solar water heater	7218918221

Thank you all Volunteers, Principal, Director and all villagers from Ekrukhe.

  
IQAC, Co-ordinator  
ASC College, Rahata

  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata

  
HEAD  
Dept. of Physics  
Art's, Sci. & Comm. College, Rahata





Savitribai Phule Pune University, Pune  
National Service Scheme  
and  
Department of Physics  
A. S. C. College, Rahata

Special Winter Camp  
03/01/2023 to 09/01/2023

# Solar Energy Awareness Mission Demonstration of Solar Cooker

Village: Ekrukhe

Area: Varsha Medical

Sr. No.	Name of House owner	Which solar application is used?	Mobile number	Signature
40	Ashok Nale		9850983857	<i>[Signature]</i>
41	Kailas ghule		9503761683	<i>[Signature]</i>
42	sandip Kayle		9975398730	<i>[Signature]</i>
43	Prasad gadhave		7972370273	<i>[Signature]</i>
44	Amol agre		8956464515	<i>[Signature]</i>
45	V-Han Chand S Munawar	Solar heater	9763870701	<i>[Signature]</i>
46	Satish Dhanwate		9767787394	<i>[Signature]</i>
47	Bhauseheb sonawane		8482941348	<i>[Signature]</i>
48	Ganesh pirmal		88005600447	<i>[Signature]</i>
49	Maruti Bharude	Solar heater	9881841116	<i>[Signature]</i>
50	Dhaneswar agre		9552120960	<i>[Signature]</i>
51	Koushna Ramare		7350575163	<i>[Signature]</i>
52	Mahesh gope		9922116939	<i>[Signature]</i>

Name and signature of Volunteer  
*[Signature]*  
Shinde Nilesh

Program Officer  
*[Signature]*  
कार्यक्रम अधिकारी,  
राष्ट्रीय सेवा योजना,  
विज्ञान व वाणिज्य महाविद्यालय,  
राहता, जि. अहमदनगर.

Head of Physics Department  
*[Signature]*  
HEAD PRINCIPAL  
Dept. of Physics Art's Science & Commerce  
College, Rahata







Savitribai Phule Pune University, Pune  
National Service Scheme  
and  
Department of Physics  
A. S. C. College, Rahata

Special Winter Camp  
03/01/2023 to 09/01/2023

# Solar Energy Awareness Mission

## Demonstration of Solar Cooker

Village: Ekrukhe

Area: Gadhave vasti

Sr. No.	Name of House owner	Which solar application is used?	Mobile number	Signature
27	Balasaheb Satav		8208837130	
28	Ramnath gadhave		9657791607	
29	Bhousaheb gadhave		9922089610	
30	Bhousaheb kunde		9130521933	
31	Kailas gadhave		9767052299	
32	Dattu bhavar		9960329680	
33	Lakshaman thorat		7741071996	
34	Rushikesh dhanavate	Sukthitor	9529723223	
35	Sameer maniar		9834314912	
36	Ganesh agre		9921219445	
37	Sanjay tupe		9921388014	
38	Kishor gadhave		9709616369	
39	Sai kunde		7798629618	

Name and signature of Volunteer

Rohom Sonali

Program Officer

कार्यक्रम अधिकारी,  
राष्ट्रीय सेवा योजना,  
कला, विज्ञान व वाणिज्य महाविद्यालय  
राहाता, जि. अहमदनगर.

Head of Physics Department

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Dept. of Physics  
Art's Science & Commerce College, Rahata





Savitribai Phule Pune University, Pune  
National Service Scheme  
and  
Department of Physics  
A. S. C. College, Rahata

Special Winter Camp  
03/01/2023 to 09/01/2023

## Solar Energy Awareness Mission Demonstration of Solar Cooker

Village: Ekrukhe

Area: Vajreshwari Kaman

Sr. No.	Name of House owner	Which solar application is used?	Mobile number	Signature
53	Babasaheb N. Patil		9921529883	B. Patil
54	Terabai gadhave		9896802590	Terabai
55	Radhabai thorat		7741071996	सुनिता थोरात
56	Rani thorat		9623957550	रानी
57	Sachin shinde			Sachin
58	Sunil shinde.		7218918221.	Shinde
59	Ganesh Hawle		7397836377	(G) Hawle
60	Maesh kalre		9545944052.	Maesh
61	Rajendra shinde		9657743730	(S) Shinde
62	Santosh thorat		9356090278	Santosh
63	Sangaam satare	HOT water sys.	9096544352	Sangaam
64	Paalkhad malke		9073650086	Paalkhad
65	Kaailas Pawke.		9970155252	Kaailas

Name and signature of Volunteer

Tejurkar Maitili



Program Officer

कार्यक्रम अधिकारी,  
राष्ट्रीय सेवा योजना,  
कला, विज्ञान व वाणिज्य महाविद्यालय,  
राहाता, जि. अहमदनगर

Head of Physics Department

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Art's, Sci. & Comm. College, Rahata

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College, Rahata





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National Service Scheme  
and  
Department of Physics  
A. S. C. College, Rahata

Special Winter Camp  
03/01/2023 to 09/01/2023

# Solar Energy Awareness Mission

## Demonstration of Solar Cooker

Village: Ekrukhe

Area: Pagare vasti

Sr. No.	Name of House owner	Which solar application is used?	Mobile number	Signature
1)	Rahul Ananda Pagare		9503841846	Rahul Pagare
2)	Swati Rahul Pagare		9307705243	Swati Pagare
3)	Ganesh N Gadhave		9561563434	Ganesh Gadhave
4)	Vijay Laxman Bhatkar			Vijay Bhatkar
5)	Pratiksha Gaikwad.		9308012154	Pratiksha Gaikwad
6)	Ananda Waman Pagare		9250865021	Ananda Pagare
7)	Dipali Ganesh Gaikwad			Dipali Gaikwad
8)	Kalpna Sachin Mokal		9096902004	K.S.Mokal
9)	Chaya Raju Khare			C. Khare
10)	Sagar Shamrao Agre		9730783940	Sagar Agre
11)	Jham Manoj Gadhave	water heater	9860843739	Jham Gadhave
12)	Gadhave saili		9370944643	Saili Gadhave
13)	Gadhave Varsha		9322123366	V. Gadhave

Name and signature of Volunteer

Dutir Sheetal

Program Officer

कल्पकर्म अधिकारी,  
राष्ट्रीय सेवा योजना,  
कला, विज्ञान व वाणिज्य महाविद्यालय  
राहाता, जि. अहमदनगर.

Head of Physics Department

HEAD  
Dept. of Physics  
A.S.C. College, Rahata



Savitribai Phule Pune University, Pune  
National Service Scheme  
and  
Department of Physics  
A. S. C. College, Rahata

Special Winter Camp  
03/01/2023 to 09/01/2023

## Solar Energy Awareness Mission Demonstration of Solar Cooker

Village: Ekrukhe

Area: Pimpalwadi road

Sr. No.	Name of House owner	Which solar application is used?	Mobile number	Signature
14	anil mali		9763331597	Anil Mali
15	Bhau Saheb Gadhave		9921131275	Bhau
16	Swapnil bhavar		8262903449	Swapnil
17	Balasaheb barde		9637854051	Barde
18	Mahesh Chaudhari		9766202409	Mahesh
19	Rohini gadhave	solar heater	9623709797	Rohini
20	Lata gadhave	solar heater	9623709797	Lata
21	Sagar gadhave	solar heater	9623709797	Sagar
22	Mangesh nirmal		8261918193	Mangesh
23	Rahul Tanjal		7796559258	Rahul
24	Saurabh Korde		9067617280	Saurabh
25	Balaram Gadhave		9373155670	Balaram
26	Saurabh gadhave		7218229170	Saurabh

Name and signature of Volunteer

Neha Swati

Program Officer

कार्यक्रम अधिकारी,  
राष्ट्रीय सेवा योजना,  
कला, विज्ञान व वाणिज्य महाविद्यालय, राहता, जि. अहमदनगर.

Head of Physics Department

HEAD  
Dept. of Physics

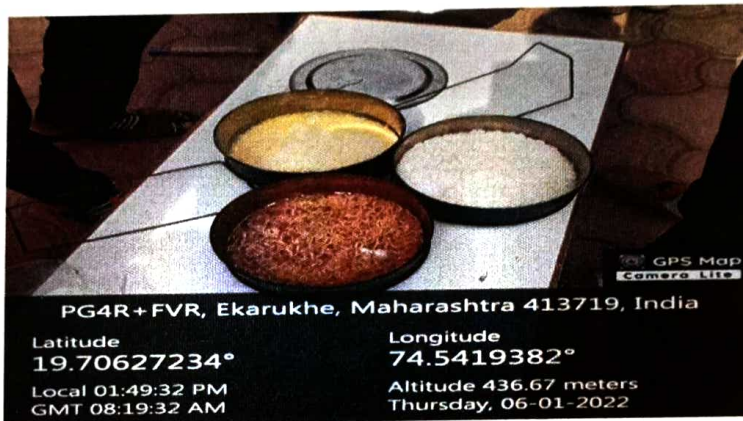
Art's, Sci. & Comm. College, Rahata



# Department of Physics

## Arts, Science and Commerce College, Rahata

-----  
Extension Activity For Nearby Villagers  
**Solar Energy Popularization Program-201-22**



Solar Cooking Demonstration





Demonstration of parallel plate collector water



students & visitors at demonstration of various solar instruments







PG4R+FVR, Ekarukhe, Maharashtra 413719, India

Latitude  
19.70623177°

Longitude  
74.54189306°

Local 01:21:12 PM  
GMT 07:51:12 AM

Altitude 445.53 meters  
Thursday, 06-01-2022

*N.S.S. Volunteers and Visitors*





demonstration of flat plate collector



PG4R+FP5, Ekarukhe, Maharashtra 413719, India

Latitude

19.70627833°

Longitude

74.54188474°

Local 01:00:49 PM

GMT 07:30:49 AM

Altitude 444.73 meters

Thursday, 06-01-2022

Head of Department

HEAD

Dept. of Physics

Art's, Sci. & Comm. College, Rahata

IQAC Coordinator

Principal

I/C PRINCIPAL

Art's, Science & Commerce College

Rahata, Dist. Ahmednagar.





**SSRI'S**  
**Arts, Science and Commerce College, Rahata**  
**Department of Hindi**  
**Outreach Program for HSC Students**

**Subject - Employment opportunities in Hindi language**

1. To increase the interest of students towards Hindi language.
2. To explain the importance of Hindi language at global level.
3. To motivate the students to make maximum use of Hindi language, so that they can get employment through Hindi.
4. To inform the students about the employment opportunities available through Hindi language.

**Participants: HSC students of above College.**

1. ASC Jr. College, Rahata
2. Sharda Jr. College, Rahata

**Contribution: Teachers**

1. Dr. A. S. Shaikh
2. Dr. D. N. Dange

**Program Content:**

1. Increase the interest of students towards Hindi language.
2. Explaining the importance of Hindi language at global level.
3. Motivate the students to make maximum use of Hindi language, so that they can get employment through Hindi.
4. Informing the students about the employment opportunities available through Hindi language.

**Program Outcomes:**

1. Students became interested in Hindi language.
2. Students understood the global importance of Hindi.
3. Students got information about the job in which field they can get through Hindi language.

## Program Report:

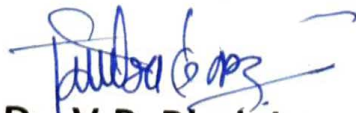
On behalf of the Hindi department, it was decided to implement innovative activities for the students of class 12<sup>th</sup> studying in different colleges. Accordingly, the head of the department Dr. A. S. Shaikh and Dr. D. N. Dange guided the students of Sharda Jr. College, Rahata and ASC Jr. College, Rahata on the topic of “**Employment opportunities in Hindi language**”. Under this, the students were given in-depth information about which field they can get employment by taking Hindi subject. Also, the importance of Hindi at the global level was demonstrated. On this occasion, efforts were made to create interest in Hindi among the students. It was also said that students should use Hindi as much as possible. In that time, the students were introduced to the rich literature of Hindi. Also motivates students to improve Hindi reading, writing, listening and communication skills. In this way, on behalf of the Hindi department, he worked to maintain social commitment by guiding students from other colleges. Students enthusiastically participated in this program. Seeing the enthusiasm and reaction of the students, this activity was seen to be a success. Total 145 students were benefited by the activity. Dr. A. S. Shaikh and Dr. D. N. Dange took efforts to make the activity successful. Dr. M. N. Kharde, Director, SSRI and Principal Prof. S. V. Lahare guided the staff and motivated them to conduct such activities.



Dr. A. S. Shaikh

HoD, Hindi

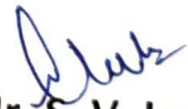
DEPARTMENT OF HINDI  
Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar.



Dr. V.P. Bhalekar

IQAC Coordinator

IQAC, Co-ordinator  
ASC College, Rahata



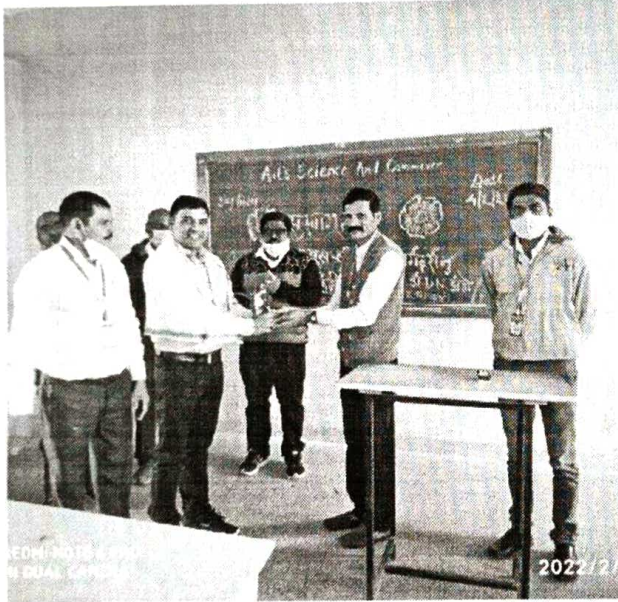
Mr. S. V. Lahare

PRINCIPAL

Art's Science & Commerce  
College, Rahata







दिनांक **04/02/2022** रोजी बारावी विद्यार्थ्यांना **राजगार आणि हिंदी** या विषयाचे उपप्राचार्य प्रा.डॉ. डी.एन डांगे सर यांचे विशेष मार्गदर्शन लाभले.



SSRI's,  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**  
**Department of English**

**Outreach activity: Guidance to HSC students for the preparation of Board Examination**

**Aims and objective:** To help the HSC students in the subject of English

1. To guide them regarding the techniques of how to tackle the question paper.
2. To guide them on important topics like grammar, reading comprehension.
3. To teach them the techniques of writing skills.

**Colleges selected:** 1. Sharda Jr. College, Rahata  
2. Arts, Science and Commerce Jr. College, Rahata

**Contributors:** Dr. Rohini D. Kasar  
Ms. Pranali G. Bothe

**Participants:** HSC students

**Outcomes:** Students will learn following things from this activity:

1. Students will learn techniques in solving the question paper of English;
2. Students will assimilate the techniques of reading comprehension;
3. They will understand the skills in writing essays, summary etc.
4. They will learn how to face an examination without stress.

**Content:** 1. Techniques of solving the HSC question paper of English  
2. Solving the questions on reading comprehension  
3. Grammar and writing skills  
4. Tips for stress-free mindset during examinations.

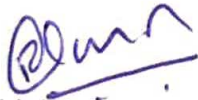


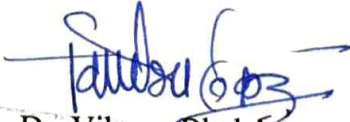
## Report


To extend the subject knowledge of English to society at large and the students of Junior college in particular; the department of English has decided to conduct few sessions of HSC students from Sharda Jr. College, Rahata and Arts, Science and Commerce Jr. College, Rahata. The teachers of the department approached to the concerned Principals and sought their permission regarding the same. In the month of February, Dr. Rohini Kasar and Ms. Pranali Bothe conducted two sessions each in each college on the important topics in English.

They taught few techniques like how to solve the question paper, reading comprehension, writing skills etc. They also gave them few tips to face the examination without stress. Dr. Rohini Kasar conducted guided meditation and made them relaxed. Total **112** students from Sharda Jr. College and **61** students from ASC College, Rahata were benefitted by the activity. Mr. Kadam from Sharda Jr. College and Mr. Narayan Gulave, Mr. Jalindar Gadhe from ASC College, Rahata cooperated in conducting these activities.

Dr. Rohini Kasar, HoD, English and Ms. Pranali Bothe took efforts to make the activity successful. Dr. Mahesh Kharde, Director of SSRI and Principal Mr. Sanjay Lahare guided the staff and motivated them to conduct such activities. Students got useful tips before the examination, therefore many students personally told the teachers about the usefulness of the programme.

  
Dr. Rohini D. Kasar  
HoD, English  
**HEAD**  
Dept. of English  
Art's, Sci. & Comm. College, Rahata

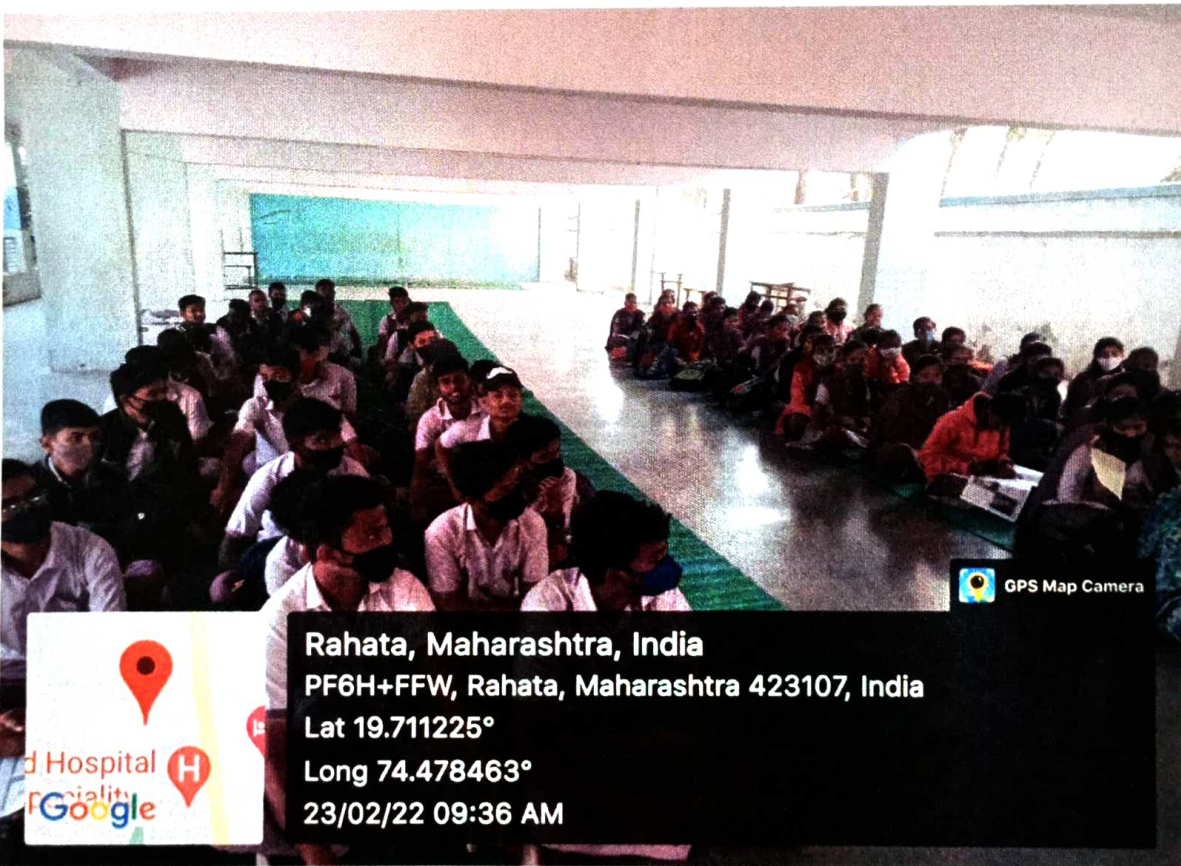
  
Dr. Vikram Bhalekar  
IQAC Coordinator  
IQAC, Co-ordinator  
ASC College, Rahata

  
Ms. Sanjay Lahare  
Principal  
**VIC PRINCIPAL**  
Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar





Dr. Rohini Kasar guiding the students of Sharda Jr. College, Rahata



Students attending the session.





Shirdi Sai Rural Institute's

**ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.**

Tal –Rahata, Dist. –Ahmednagar

**Department of Economics**

**Outreach Activity: Socio- Economic Survey slum area in Rahata city**

**Academic Year 2021-2022**

**Introduction** – Rahata city is located in Ahmednagar District of Maharashtra. Rahata city situated nearby the Major Pilgrimage Shirdi. Many people lives in Slum area in Rahata City. In order to know the Socio –economic problem of these Families a Socio-Economic survey has been conducted by the Department of Economics and Find out Socio –Economic Situation in the Slum area of the Rahata City.

**Aim and Objective -**

1. To Study the Socio -Economic Condition of the slum area in the Rahata City
2. To find out the problems of people in slum area in Rahata City.

**Selected families** - Department of Economics is conducted Socio–economic survey of the slum area of Rahata City. Collected questionnaires from 50 families in the slum area Rahata city and find economic condition and problem of slum area people. Questionnaire has been developed for Carrying out the survey slum area in Rahata City .for this Survey, the students of the Department of Economics Visited 50 families and collected information from them by filling the questionnaires.

**Contributors-** Dr. J. R. Dighe and Dr. A.G .Antre and 18 Students of Department of Economics contributed in this Survey.

**Outcomes-** Total 50 families questionnaires were summarized as follows: family size, house, and land education, Income, other

\*Age Group and Gender wise Distribution – the Average age of the people in the sample was about 45 years .Average age of Males was 46 years and 40 years of the females. Majority of the 60% Belonged to 31.-40 years and 41.-50 years around 40 %

\*The Average size of family -in the slum Area 50 % Family Size 4 and 5 Member, 50 % people family size 6 Member

\*Housing Size – 60 % families with the smallest household size and 25 % families' medium household size and 15 % families with the biggest household size.

\*Educational Status -nearly 50 % households who had undergone formal Education, 30 % 12<sup>th</sup> pass and 20 % were either graduates or post graduates.

\*Socio Category – The Dominant Caste group to which the belongs was other Backward Class (OBC) accounting for 10.6% of the households ,general category 22.4 % Scheduled Caste 37.10 % and scheduled tribes 30 % .

\* Occupation - 15 % Families occupation in Agriculture ,15 % Self Employed 20 % Services in various place , 11% Business , 34 % labour and 5 % in unemployed families .this is show mostly people are 34% labour . Only 20 % people Service slum area in Rahata city.

\* Annual income - Annual income was 35% people Annual income below 60000 Rupees , 25 % people Rs.60 000 to Rs.80000 and 20 % Peoples Annual Income Rs. 80000 to Rs. 100000 lakh , 15 % people Annual income was 100000 to 200000 lakh rupees , 5 % people Annual income was 200000 lakh to 300000 lakh rupees. Very low income people slum area in Rahata city.

Other Assets – the household Assets Survey is a vital source of information on how households are managing economically .The study data shows that expenses towards asset is less and items like car 10% , another, two –wheeler motor bike 35 % , Mobile 50 % T.V, fan, toilet are common . The electric supply is available in city but it is irregular in slum area.

\* Problem - large number of labour force, lack of education, lack of electricity, lack of regular water system, low wages in labour force, no internal drains for sewage, Health issues are high and lack of sanitization.

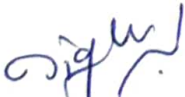


## Socio- Economic Survey slum area in Rahata city

### Report

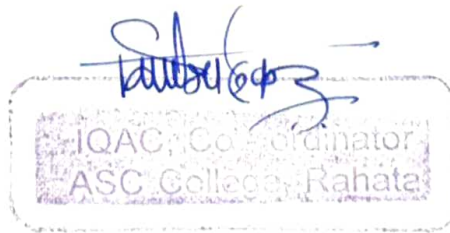
Department of Economics of Arts, Science and Commerce College Rahata has Conducted Socio-Economic Survey of slum area in Rahata City. A Socio-economic survey is regarded as one of the most important sources of statistical data on family's expenditure / income housing, health, educational status employment, labour force individual & household characteristics with the living conditions to assist and provide the sufficient information to the decision –makers to the sufficient information. The teacher of the department approached to concerned Principals and sought their permission regarding the same in the month of March 2022, Dr.J.R. Dighe and Dr. A.G. Antre Conducted Socio Economics Survey slum area in Rahata City and 18 Students help filling Questionnaires from 50 families in the slum area Rahata city. Total 50 families from slum area Rahata city participated in this Survey Activity.

Dr. J.R Dighe HoD, Economics and Dr. A.G. Antre took efforts to make the Survey Activity Successful. Dr. Mahesh Kharde, Director of SSRI and Principal Prof. Sanjay Lahare guided the staff and motivated them to conduct such activities. This survey helps to understand the Socio Economic Condition and problem of slum area families. The Students of Department of Economics actively participated in this Survey.

  
Dr.J.R.Dighe

HoD  
HEAD

DEPARTMENT OF ECONOMICS  
Arts, Science & Commerce College  
Rahata, Dist. Ahmednagar



  
Prof. S.V.Lahare

Principal

I/C PRINCIPAL

Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar.





Participant students collecting the data.





### Title: Soil and Water Analysis

**Aim:** To check the Fertility of soil and suitability as plant growing medium through laboratory analytical research method.

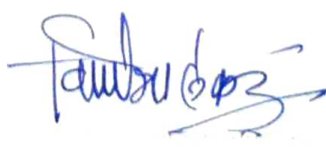
**Objective:**

- I. Arranging workshop of a subject expert for syllabus farming.
- II. Conducting Experiments as follows:
  - a. **Soil Analysis** - Determination of  $p^H$  of soil, Electrical conductivity of soil, amount of  $CaCO_3$  of soil, amount of Gypsum requirement of soil and Organic Carbon of soil.
  - b. **Water Analysis** – Determination of  $P^H$  of irrigation water sample. Electrical conductivity, hardness, amount of carbonate, bicarbonate and chloride and TDS or dissolved oxygen in the irrigation water sample.
- III. Understanding the observations and concluding the result for required outcomes.


**Outcomes:**

- I. To predict whether new crops could be grown on soils where they were never grown before and to learn enough about certain soils to predict how they would respond when irrigated with a known quality and quantity of irrigation water.
- II. Demarcating disease infested and nutrient deficient areas which may indirectly help in controlling diseases and correction of particular nutrient deficiency.
- III. Providing information needed for developing optimum land use plans and for bringing new areas under agricultural uses.
- IV. Understanding the quality of water and the possible treatments to bring it to its optimum capacity.
- V. Determination of the crop types based on the type and quality of soil and water which best suits them.

  
**HEAD**  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

  
IQAC, Co-ordinator  
ASC College, Rahata



  
**PRINCIPAL**  
Art's, Science & Commerce  
College, Rahata



*Shirdi Sai Rural Institute's'*

**ARTS, SCIENCE AND COMMERCE COLLEGE,  
RAHATA**



**DEPARTMENT OF CHEMISTRY  
REPORT OF CERTIFICATE COURSE**

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<b>TITLE OF THE CERTIFICATE COURSE</b>	: Soil and Water Analysis
<b>COURSE DURATION</b>	: 01 <sup>st</sup> April 2022 to 30 <sup>th</sup> June 2022
<b>TIME</b>	: 11:35 am -12:15 pm
<b>ORGANISED BY</b>	: Department of Chemistry, SSRI's, ASC College Rahata.

**DETAIL SUMMERY:**

The Department of Chemistry of our college was organized Certificate Course on the topic entitled "Soil and Water Analysis" for the undergraduate students of science from 01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022.

The workshop for syllabus framing was organized at the department of Chemistry of ASC College Rahata on March 2022. Dr.B.K.Uphade, Associate Professor, PVP College, Pravaranagar and Mrs.C.S. Karle, Assistant Professor. ACS College, Satral was invited as an expert for the syllabus framing. Also Prof. A. S. Tambe, Head Department of Chemistry and Dr.G.D.Shirore, Associate Professor, ASC College, Rahata was present for this syllabus framing workshop.

The main and basic objective of this soil and water testing program is to determine their fertility status and suitability as plant growing mediums. The developed laboratory research analytical techniques are provided good methods for estimation of plant available nutrients, to determine the optimum soil test levels for various nutrients for specific soil and crop combination.

The sample of soil and water for this course are collected from various villages of Rahata Taluka like Adgaon, Kelwad, Nirmal Pimpri, Khadke wake, Pimplas, Sakuri, Wakadi, Ranjangaon etc.



This method quantifies the  $P^H$  of soil and water. It is based on the measurement of  $P^H$  by using Water Analyzer Kit and  $P^H$  meter. The  $P^H$  of soil and water is between slightly acidic to normal in nature. The amount of soluble salt is also quantifies, it is based on the measurement of Electrical conductivity. The Electrical conductivity for most of the sample is within the range, which indicates normal to seed germination. This method also quantifies the amount of  $CaCO_3$  of soil and it is within the range from non calcareous to medium calcareous. Then determine the gypsum requirement. It's rang varies from 19418.11- 24899.84Kg/h. The method of water analysis quantifies the amount of dissolved salt of calcium ion and magnesium ion and also carbonate, bicarbonate and chloride from irrigation water sample and it's within the range of normal.

The total 35 students of TYBSc were participated in the course. The students were satisfied with the course.

All the staff of Chemistry Department co-operated and supported for the success of course. Miss.S.B.Ambadkar worked as Co-ordinator and taken outstanding efforts for smooth conductance of the course. Honorable Dr.Mahesh Kharde, Director of SSRI and Honorable Prof. Sanjay Lahare, Principal of the college were motivated and supported for the organization of this course. Honorable Prof. A. S. Tambe HOD of Chemistry department guided for this course.

(Miss. S. B. Ambadkar)  
Coordinator

(Mr. A. S. Tambe)  
Head

Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

(Dr. V. P. Bhalekar)  
Coordinator, IQAC

(Prof. S. V. Lahare)  
Principal  
Principal

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Rahata, Dist. Ahmednagar

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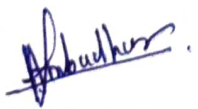
**Department of Chemistry**  
**Soil and Water Analysis Certificate Course**  
**(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)**

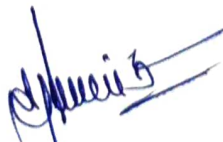
**Name List**

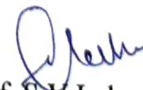
Sr.No	Name of the Students	Class	Mobile No	Village	Sign
1	Agre Pranav Ramesh	T.Y.BSc	7350206923	Ekrukhe	<i>[Signature]</i>
2	Bawake Gayatri Madhukar	TYBSC	9699929356	Sakuri	<i>[Signature]</i>
3	Borde Amruta Subhash	T.Y.BSC	8856001097	Ranjungoon	<i>[Signature]</i>
4	Chitte Swapnil Sanjay	T.Y.Bsc	8080590560	Sakuri	<i>[Signature]</i>
5	Cholke Sandesh Dnyandev	T.Y. BSC	8796905835	Astagaon (Chilacwadi)	<i>[Signature]</i>
6	Dange Gayatri Dilip	TYBSC	9822797043	Kakadi	<i>[Signature]</i>
7	Dapatkar Kirti Anant	T.Y.BSC	7447504225	Sakuri	<i>[Signature]</i>
8	Gadhawe Aditya Sanjay	TYBSC	7822816530	Ranjungoon	<i>[Signature]</i>
9	Gaikwad Priyanka Dattatraya	T.Y.BSC	9325803787	Khadkewate	<i>[Signature]</i>
10	Game Priti Shivaji	TYBSC	7588650046	Kelwad	<i>[Signature]</i>
11	Hemke Vrushali Rajendra	T.Y.BSC	8149693166	shiedi	<i>[Signature]</i>
12	Jadhav Priti Sharad	TYBSC	7822889207	Sakuri	<i>[Signature]</i>
13	Jejurkar Akash Prakash	TYBSC	9511878165	Astagaon	<i>[Signature]</i>
14	Jejurkar Arti Vilas	TY.BSC	9922273181	Astagaon	<i>[Signature]</i>
15	Jejurkar Atul Suresh	TY.BSC	9373702478	Astagaon	<i>[Signature]</i>
16	Jejurkar Pratiksha Sunil	T.Y.Bsc	9322371700	Astagaon	<i>[Signature]</i>
17	Kasar Abhishek Bhausahab	T.Y.Bsc	7972858001	Ranjungoon	<i>[Signature]</i>
18	Kudale Shraddha Bhimraj	TYBSC	7385465597	Pimplas	<i>[Signature]</i>



19	Lute Dnyaneshwari Manoj	Ty BSC	9403308948	sakuri	<u>Lute</u>
20	Malve Leena Raju	TY BSC	9209880678	Rahata	<u>Malve</u>
21	More Ashwini Satish	T.Y BSC	7387937854	Astagaon	<u>Ashwini</u>
22	More Mahendra Shivaji	T.Y BSC	7378406624	Astagaon	<u>Mahendra</u>
23	More Renuka Rambhau	T.Y BSC	7385261093	Astagaon	<u>Renuka</u>
24	Nale Rahul Bhusaheb	T.Y BSC	8390975734	Astagaon	<u>Rahul</u>
25	Nale Shital Babasaheb	T.Y BSC	8378885217	Astagaon	<u>Shital</u>
26	Nirmal Adesh Ashok	T.Y BSC	9373871252	pimpri Nirmal	<u>Nirmal</u>
27	Nirmal Sumit Dipak	Ty BSC	9370986738	Pimpri Nirmal	<u>Nirmal</u>
28	Padawal Chandrakant Shivaji	T.Y BSC	7499782909	Ranjangaon	<u>Padawal</u>
29	Pathan Arbaj Najir	T.Y BSC	766598942	Walki	<u>Arbaj</u>
30	Pokale Pratik Shantaram	T.Y BSC	9067276314	Khadakewake	<u>Pratik</u>
31	Ranmale Shrutika Nandkishor	T.Y BSC	9922081551	sakuri	<u>Shrutika</u>
32	Raut Manisha Balasaheb	TY BSC	9322950485	Kelwad	<u>Raut</u>
33	Tathe Manjusha Babasaheb	T.Y BSC	9011544217	Astagaon	<u>Tathe</u>
34	Tribhan Ganesh Nanasaheb	TY BSC	9823968923	Astagaon	<u>Tribhan</u>
35	Waghe Rohit Uttam	T.Y BSC	9373941168	Kelwad	<u>Rohit</u>

  
(Miss. S.B. Ambadkar)  
Co-ordinator

  
(Mr. A.S. Tambe)  
HEAD  
Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

  
(Prof. S.V. Lahare)  
Principal  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

36	Bombe Mayur Kailas	T.Y. BSc	9359301386	A/p Rvi	<u>Bombe</u>
37	DhatrakHrishikesh Ashok	T.Y. BSC	9156917523	15 chorsi Rahata	<u>Dhatrak</u>
38	DokheRoshan Suresh	T.Y. Bsc.	9657659586	A/p dangan.	<u>Roshan</u>
39	DukareAjit Sanjay	T.Y. Bsc.	7850888753	A/p Rahata.	<u>Ajit</u>
40	GadekarSanketDnyaneshwar	T.Y. BSC	7020399486	Rahata	<u>Sanket</u>
41	GadhvePrashant Sanjay	T.Y. Bsc	8805359886	Ranjangan Ka.	<u>Gadhve</u>
42	GaikwadKiran Vijay	T.Y. Bsc.	9665751475	A/p Dhulgaon.	<u>Kiran</u>
43	Ghorpade HritikDattatray	T.Y. Bsc	8847759891	Pimpri Nirmal	<u>Ghorpade</u>
44	Ghorpade KiranBalasaheb	T.Y. Bsc	7030515323	Pimpri Nirmal	<u>Kiran</u>
45	Jejurkar VandanaBabasaheb	T.Y. BSC	9356963812	Astagan	<u>Vandana</u>
46	JondhaleDattatrayJagannath	T.Y. Bsc	9021057636	Wakadi	<u>Jondhale</u>
47	KhambekarRoshan Sunil	T.Y. Bsc	7776816385	Rahata	<u>Roshan &amp;</u>
48	KohakadeTusharBabasaheb	T.Y. Bsc.	9620759374	Rahuri	<u>Kohakade</u>
49	Lahare SudarshaGorakshanath	T.Y. Bsc	8080117949	Wakadi	<u>Sudarsha</u>
50	Londhe Pooja Popat	T.Y. Bsc	9922893408	Astagan	<u>Pooja</u>
51	ModhePallaviBalasaheb	T.Y. Bsc	9067128939	Astagan	<u>Modhe</u>
52	Raut Anita Gajanan	T.Y. Bsc.	9096234999	A/p Astagan	<u>Raut</u>
53	Tambe Vaishnavi Adinath	T.Y. BSC	9356694281	Loni	<u>Vaishnavi</u>
54	TribhanArtiRamdas	T.Y. BSC	744753380	Astagan	<u>Arti</u>
55	TurakaneShubhamBalasaheb	T.Y. Bsc	8766795266	Pimpri Nirmal	<u>Shubham</u>

### Water Analysis

56	Jadhav PritiSharad	T.Y. Bsc	7822889207	Sakuni	<u>Jadhav</u>
57	Jejurkar AkashPrakash	T.Y. Bsc	9511878165	Astagan	<u>Akash</u>
58	Jejurkar Arti Vilas	T.Y. Bsc	9322273181	Astagan	<u>Arti</u>

*[Handwritten signature]*

*[Handwritten signature]*  
 HEAD  
 Dept. of Chemistry  
 Art's, Science & Commerce College,  
 Rahata, Dist. Ahmednagar



59	Jejurkar Atul Suresh	TyBsc	9373703478	Astagaon	Atul
60	Jejurkar Pratiksha Sunil	TyBsc	9322371700	Astagaon	Jejurkar
61	KasarAbhishek Bhausahab	TyBsc	7972858001	Ranjangaon	Abhishek
62	KudaleShraddhaBhimraj	TyBsc	7385465597	Pimpas	Kudale
63	Lute DnyaneshwariManoj	TyBsc	9403308918	Sakuri	Lute
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68	Nale Rahul Bhausahab	TyBsc	8390975734	-11-	Nale
69	NaleShitalBabasaheb	TyBsc	8378885217	-11-	Nale
70	Nirmal Adesh Ashok	TyBsc	9373871852	Pimpri	Nirmal
71	Nirmal SumitDipak	TyBsc	9570980798	-11-	Nirmal
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75	RanmaleShrutikaNandkishor	TyBsc	9922081551	Sakuri	Ranmale
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79	WagheRohitUttam	TyBsc	937341168	Kelwad	Waghe
80	Bombe Mayur Kailas	TyBsc	9359361386	Rai	Bombe
81	DhatrakHrishikesh Ashok	TyBsc	9156917523	Rahata	Dhatrak
82	DokheRoshan Suresh	TyBsc	9657619536	dongaon	Dokhe

*(Signature)*

HEAD  
Dept. of Chemistry  
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83	DukareAjit Sanjay	TY.BSC	79505888753	A/P Rahata	<u>Ajit</u>
84	GadekarSanketDnyaneshwar	TY.BSC	7020399486	A/P Rahata	<u>Sanket</u>
85	GadhavPrashant Sanjay	TY.BSC	8805859880	Ranjangoan K.G.	<u>Prashant</u>
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92	KohakadeTusharBabasaheb	TY.BSC	7620757374	A/P-Rahuri	<u>Tushar</u>
93	Lahare SudarshaGorakshanath	TY.BSC	808017949	Wakadi	<u>Sudarsha</u>
94	Londhe Pooja Popat	TY.BSC	9922593408	Astagoan	<u>Pooja</u>
95	ModhePallaviBalasaheb	TY.BSC	9067128939	Astagoan	<u>Pallavi</u>
96	Raut Anita Gajanan	TY.BSC	9096234799	Astagoan	<u>Anita</u>
97	Tambe Vaishnavi Adinath	TY.BSC	9356694281	Loni	<u>Vaishnavi</u>
98	TribhanArtiRamdas	TY.BSC	7247533080	Astagoan	<u>Arti</u>
99	TurakaneShubhamBalasaheb	TY.BSC	8766795266	Pimpalwadi	<u>Shubham</u>
100	AgrePranav Ramesh	TY.BSC	7950206923	Ekarukhe	<u>Pranav</u>
101	BawakeGayatriMadhukar	TY.BSC	9699929356	Sakuri	<u>Gayatri</u>
102	BordeAmrutaSubhash	TY.BSC	8856001097	Ranjangoan	<u>Amruta</u>
103	ChitteSwapnil Sanjay	TY.BSC	8080590560	Sakuri	<u>Chitte</u>
104	CholkeSandeshDnyandev	TY.BSC	8796905835	Astagoan	<u>Sandesh</u>

Cholke

Cholke

HEAD

Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar



105	Dange Gayatri Dilip	TY. BSC	9822797043	kakadi	Gay.
106	Dapatkar Kirti Anant	TY. BSC	7447504225	sakurzi	Dapatkar
107	Gadhve Aditya Sanjay	TY. BSC	7822816580	Ranjangaon	Aditya
108	Gaikwad Priyanka Dattatraya	TY. BSC	9325803787	khodkewake	Priyanka.
109	Game Priti Shivaji	TY. BSC	7588650046	kelwad	Game.
110	Hemke Vrushali Rajendra	TY. BSC	8149633166	shirdi.	Hemke

*Ambadkar*

(Miss. S.B. Ambadkar)  
Co-ordinator

*A. S. Tambe*

(Mr. A.S. Tambe)  
HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

*S. V. Lahare*

(Prof. S.V. Lahare)  
PRINCIPAL  
Art's, Science & Commerce  
College, Rahata

Agre Pranav

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Agre Pranav Ramesh.

Name of the Farmer: Agre Ramesh Murlidhar Survey No.: 332/2

Village: Ekrukhe

Tel: Rahata

Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.24	Normal
EC of Soil	0 - 1 dms	1.02318	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	medium calcareous
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	Poor seed emergence
Hardness of Water	< 1	2030 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	1.42 meq/lit	Excellent.
TDS in Water	-	8.90 ppt	-

Date: 30 June/2022

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
HEAD

Head Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Pranav  
Sign of the Student:

Lahare  
Prof.S.V. Lahare

Principal  
Principal

Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Bawake Gayatri Madhukar

Name of the Farmer: natha madhav kalhapure Survey No.: 221

Village: Panegaon Tel: Nevasa Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	8.24	Normal
EC of Soil	0 - 1 dms	1.02318	Good seed
CaCO <sub>3</sub> % of Soil	0.5 %	4.9%	Medium cell a new
Gypsum Requirement Kg/ha	0.160	25,899.84	-
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	8.48	Normal
EC of Water	0 - 3 dms	18.8 Ms	Good seed emergence
Hardness of Water	< 1	2030 PPM	None Hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 mg/lit	1.42 PPM/lit	excellent
TDS in Water	-	8.10 PPE	-

Date: 30/06/2022

Sign of the Student: [Signature]

[Signature]  
Miss. S.B. Ambadkar  
Co-ordinator

[Signature]  
Mr. A.S. Tambe  
HEAD  
Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

[Signature]  
Prof. S.V. Lahare  
Principal  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Bonde Anurita Subhash.

Name of the Farmer: Rambhau Babunav pansare. Survey No.: 103/1

Village: Adgaonkd Tel: Rahata Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.34	Normal
EC of Soil	0 - 1 dms	1.92318	Good seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9%	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24,899.84	—
Organic Carbon	—	16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8 MS	Good seed emergence
Hardness of Water	< 1	2030 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	1.42 perlit	Excellent
TDS in Water	—	8.10 ppt	—

Date: 30/06/2022

Sign of the Student: (Signature)

(Signature)  
Miss. S. B. Ambadkar  
Co-ordinator

(Signature)  
Mr. A. S. Tambe  
HEAD  
Head Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

(Signature)  
Prof. S. V. Lahare  
Principal  
Principal  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Chitte Sanjay Sanjay  
 Name of the Farmer: Chitte Sanjay Bhardekar Survey No.: 97/2  
 Village: Sakuri Tel: Rahata Dist: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.29	Normal
EC of Soil	0 - 1 dms	1.82318	Good for seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	6.9%	Medium calcareous.
Gypsum Requirement Kg/ha	0.160	29,899.84	-
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.915	Good seed emergence
Hardness of Water	< 150 mg/lit.	2030 ppm	More Hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 500 mg/lit	1.42 ppm/lit	Excellent.
TDS in Water	-	8.10	-

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
HEAD

Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Sign of the Student: Chitte

S.V. Lahare  
Prof. S.V. Lahare  
Principal

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Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Cholke Sandesh Dnyanesh

Name of the Farmer: Cholke Dnyanesh Desam Survey No.: 149

Village: Astugan (Cholke wadi) Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.24	Normal
EC of Soil	0 - 1 dms	1.02318	For seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	Medium calcarius
Gypsum Requirement Kg/ha	0.160	24.899.84	—
Organic Carbon	—	16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9	For seed emergence
Hardness of Water	< 1	2030	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 mg/lit	1.42 Per/lit	Excellent
TDS in Water		8.10	—

Date: 30/6/2022

Ambadkar

Miss.S.B.Ambadkar  
Co-ordinator

Cholke S.D  
Sign of the Student:

Mr. A.S.Tambe  
HEAD  
Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Lahare  
Prof.S.V. Lahare  
Principal  
Principal

Arts, Science & Commerce College  
Rahata, Dist. Ahmednagar



Dange Gayatri

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Dange Gayatri Dilip

Name of the Farmer: Dange Keshav Eknath Survey No.: 13

Village: kakadi Tel: kopergaon Dist: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	below 6 = 5.4	Acidic
EC of Soil	0 - 1 dms	10.9	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	3.6 %	Non-calcareous
Gypsum Requirement Kg/ha	0.160	34899.84	-
Organic Carbon		18.363	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.31	Normal
EC of Water	0 - 3 dms	14.9 ms	poor seed emergence
Hardness of Water	< 1	189 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	1.49 ppm x 10 <sup>6</sup>	-
TDS in Water		8.10 ml/lit ppt	-

Date: 30/06/2022

Sign of the Student: [Signature]

[Signature]  
Miss. S. B. Ambadkar  
Co-ordinator

[Signature]  
Mr. A. S. Tambe  
HEAD

[Signature]  
Prof. S. V. Lahare  
Principal  
Principal

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Rahata, Dist. Ahmednagar

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**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Dhapatkar Kirti Anant

Name of the Farmer: Maruti bhau Game Survey No: (338) [656]

Village: kelvad

Tel: Rahata

Dist: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	5.5	Acidic
EC of Soil	0 - 1 dms	9.2	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	5 %	medium calcareous
Gypsum Requirement Kg/ha	0.160	34899.8	-
Organic Carbon		18.38	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.31	Normal
EC of Water	0 - 3 dms	14.9 ms	Poor seed emergence
Hardness of Water	< 1	1.89 PPM	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.49 PPM/lit	-
TDS in Water		8.10 PPM	-

Date: 30/06/2022

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

Ambadkar  
Mr. A.S.Tambe  
Head

HEAD  
Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Sign of the Student

Ambadkar  
Prof.S.V. Lahare

Principal  
Principal

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Rahata, Dist. Ahmednagar



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DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Godhawe Aditya Sanjay

Name of the Farmer: Godhawe Sanjay pandharinath Survey No.: 2189

Village: Ranjangaonkd Tel: Rahata

Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	7	Normal
EC of Soil	0 - 1 dms	1.039	Good seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.8	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24.899	—
Organic Carbon		16.18	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.8	Normal
EC of Water	0 - 3 dms	1.32	Good
Hardness of Water	< 1	2038 ppm	—
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42	excellent
TDS in Water		8.15	—

Date: 30/06/2022

Sign of the Student: Aditya

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

M.S.Tambe  
Mr. M.S.Tambe  
Head

Lahare  
Prof.S.V.Lahare  
Principal  
Principal

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Rahata, Dist. Ahmednagar

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ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Gaikwad Priyanka Dattatraya

Name of the Farmer: Gaikwad Dattatraya Sivaji Survey No.: 502

Village: Khadke Klake Tel: Rahata

Dist: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	7.3	Normal
EC of Soil	0 - 1 dms	0.23 dms	Good for germination
CaCO <sub>3</sub> % of Soil	0.5 %	3.9 %	Non calcareous
Gypsum Requirement Kg/ha	0.160	0.342	-
Organic Carbon		11.03 %	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.1	Normal
EC of Water	0 - 3 dms	2.8 dms	Good.
Hardness of Water	< 1	3.42	Hard water.
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.463 ppm	-
TDS in Water		8.4	-

Date: 30/06/2022

Sign of the Student: Priyanka

Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head

S. V. Lahare  
Prof. S. V. Lahare  
Principal

HEAD  
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Arts, Science & Commerce College  
Rahata, Dist. Ahmednagar

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Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Hemke Vrushali Rajendee

Name of the Farmer: Dhaptkare Kailas Sakharam Survey No.: 294

Village: Shiedi

Tel: Rahata

Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	5.1	Acidic
EC of Soil	0 - 1 dms	1.42	Poor Seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	3.2 %	Non calcareous
Gypsum Requirement Kg/ha	0.160	0.09	-
Organic Carbon		14.09 %	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.3	Normal
EC of Water	0 - 3 dms	2.1 dms	Good
Hardness of Water	< 1	1432 ppm	-
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.11	excellent
TDS in Water		9.01	-

Date: 30/06/2022

Sign of the Student:

S.B. Ambadkar  
Miss S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head

S.V. Labare  
Prof. S.V. Labare  
Principal

HEAD  
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Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Principal  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Jadhav Priti Sharad

Name of the Farmer: Lute Anil Balasahel Survey No.: 484

Village: sakuni Tel: Rahata Dist.: A. nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	4.49	Acidic
EC of Soil	0 - 1 dms	17.8	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.5	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24899.99	-
Organic Carbon		19.13	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Poor seed emergence
Hardness of Water	< 1	106.8	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	1.42 per lit	-
TDS in Water		9.85	-

Date: 30/6/22

Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

Tambe  
Mr. A. S. Tambe  
Head

HEAD  
Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Jadhav  
Sign of the Student:

Lahare  
Prof. S. V. Lahare  
Principal

Principal  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Jejurkar Akash Prakash

Name of the Farmer: Jejurkar Prakash Balasaheb Survey No.: 575

Village: Astagaon Tel: Rahata

Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.9	Normal
EC of Soil	0 - 1 dms	$0.9 \times 10^{-3}$	Good for Germination.
CaCO <sub>3</sub> % of Soil	0.5 %	3.001	Non-calcareous.
Gypsum Requirement Kg/ha	0.160	237674	-
Organic Carbon	-	18.30	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.2	Normal.
EC of Water	0 - 3 dms	$1.5 \times 10^{-3}$	Good for Germination.
Hardness of Water	< 1	110.0	Ca <sup>2+</sup> & Mg <sup>2+</sup> is present
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	-	1.03 /lit meq.	-
Dissolved Oxygen in Water	30 mg / L	7.3 mg/lit.	-

Date: 30/06/2022

Sign of the Student: Akash

S.B. Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S.Tambe  
Head

V. Lahare  
Prof.S.V. Lahare  
Principal

HEAD  
Dept. of Chemistry

Principal

Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

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Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Tejurkar Arti vilas

Name of the Farmer: Tejurkar bhagunath rabhaji Survey No.: 682

Village: Astagaon Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	Above 6	Acidic
EC of Soil	0 - 1 dms	16.6	poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium colourless
Gypsum Requirement Kg/ha	0.160	2499.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	poor seed emergence
Hardness of Water	< 1	2030	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 X 10 <sup>6</sup> ppm	-
TDS in Water		10.1 mg/l	-

Date: 30/06/2022

Sign of the Student: [Signature]

[Signature]  
Miss. S.B. Ambadkar  
Co-ordinator

[Signature]  
Mr. A.S. Tambe  
HEAD

[Signature]  
Prof. S.V. Lahare  
Principal

Dept. of Chemistry  
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Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**  
**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Jejurkar Pratiksha Sunil

Name of the Farmer: Sunil Bhima Jejurkar Survey No.: 419

Village: Astagan Tel: Rahata

Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.9	Normal
EC of Soil	0 - 1 dms	0.7 dms	Good
CaCO <sub>3</sub> % of Soil	0.5 %	3.2 %	Non calcareous
Gypsum Requirement Kg/ha	0.160	22.43.09	
Organic Carbon		14.9 %	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5 - 8.4	8.1	Normal
EC of Water	0 - 3 dms	2.5 dms	Best for seed growth.
Hardness of Water	< 1	3.49	-
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		0.963	-
TDS in Water		7.9	-

Date: 30/06/2022

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head  
HEAD  
Dept. of Chemistry

Sign of the Student: Pratiksha Jejurkar

S. V. Lahare  
Prof. S. V. Lahare  
Principal  
Principal

Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Kasar Abhishek Bheusabeb

Name of the Farmer: Kasar Bakharum Devram Survey No.: 125

Village: Ranjangoan kd Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.85	Normal
EC of Soil	0 - 1 dms	1.32 mmhos/cm	good seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4 %	medium calcareous
Gypsum Requirement Kg/ha	0.160	36790.09	-
Organic Carbon		15.64 %	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5 - 8.4	6.48	Normal
EC of Water	0 - 3 dms	15.9 ms	good seed emergence
Hardness of Water	< 1	1930 ppm	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.62 per lit	-
TDS in Water		8.03	-

Date: 30/06/22

Sign of the Student: [Signature]

[Signature]  
Miss. S. B. Ambadkar  
Co-ordinator

[Signature]  
Mr. A. S. Tambe  
Head

[Signature]  
Prof. S. V. Lahare  
Principal

Dept. of Chemistry  
Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

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Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Kudale Shradha Bhimraj

Name of the Farmer: Bhimraj Babasaheb Kudale Survey No.: 163

Village: Pimpas

Tel: Rahata

Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	4.49	Acidic
EC of Soil	0 - 1 dms	17.8	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.5	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24899.99	-
Organic Carbon		19.13	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Poor seed emergence
Hardness of Water	< 1	106.8	Medium calcareous
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	1.42 per lit	-
TDS in Water		9.85	-

Date: 30/6/22

Kudale  
Sign of the Student:

Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A. S. Tambe  
Head  
HEAD  
Dept. of Chemistry

Lahare  
Prof. S. V. Lahare  
Principal  
Principal

Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Lute Dnyaneshwari Manoj

Name of the Farmer: Lute Manoj Balasaheb Survey No.: 483

Village: Sakuri Tel: Rahata Dist.: A. nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	4.49	Acidic
EC of Soil	0 - 1 dms	8.8	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.8	Medium calcareous
Gypsum Requirement Kg/ha	0.160	2.9888.89	-
Organic Carbon		18.13	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	8.48	Normal
EC of Water	0 - 3 dms	19.8	Poor seed emergence
Hardness of Water	< 1	106.8	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	15 meq/lit.	1.92 per lit.	-
TDS in Water		9.88	-

Date: 30/6/22

Lute  
Sign of the Student:

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head  
HEAD

S. V. Lahare  
Prof. S. V. Lahare  
Principal  
Principal



Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: malve leena RAJU.

Name of the Farmer: NANA gadekar. Survey No.: 403

Village: Rahata Tel: Rahata Dist.: Ahmednagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.23	normal.
EC of Soil	0 - 1 dms	1.38	Good seed emergence.
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium calcareous
Gypsum Requirement Kg/ha	0.160	24.89984.	
Organic Carbon		24.89984.	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.32.	Normal
EC of Water	0 - 3 dms	1.2318.	Good for Germination.
Hardness of Water	< 1	2.030	-
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42	Excellent.
TDS in Water		8.10.	-

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
HEAD  
HEAD

Dept. of Chemistry

Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Rahul.  
Sign of the Student:

S.V. Lahare  
Prof. S.V. Lahare  
Principal  
Principal

Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

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ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: More Ashwini Satish

Name of the Farmer: Satish Pandharinath More Survey No.: 170

Village: Astgaon Tel: Rahata Dist.: A. nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	Above 6	Acidic
EC of Soil	0 - 1 dms	15.9	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9%	medium calcareous
Gypsum Requirement Kg/ha	0.160	24888.84	-
Organic Carbon		16.163	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.44	normal
EC of Water	0 - 3 dms	14.9	Poor seed emergence
Hardness of Water	< 1	2030 PPM	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	1.42 x 10 <sup>6</sup> PPM	Excellent
TDS in Water		10.2 mg/L	-

Date: 30-06-22

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

Ashwini  
Mr. A. S. Tambe  
Head  
HEAD

Ashwini  
Sign of the Student:

S. V. Lahare  
Prof. S. V. Lahare  
Principal  
Principal



Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: More Mahendra Shivaji

Name of the Farmer: More Shivaji Nandisabeb Survey No.: 167

Village: Morwad Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.24	Normal
EC of Soil	0 - 1 dms	1.02318	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24.899.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 MS	Poor seed emergence
Hardness of Water	< 1	2030 ppm	More Hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 mg/lit	1.42 mg/lit	Excellent
TDS in Water	-	8.10	-

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head

M. Shinde  
Sign of the Student:

S.V. Lahare  
Prof. S.V. Lahare  
Principal

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Dept. of Chemistry

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Principal

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**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Nale Rahul Bhausahab

Name of the Farmer: Nale Bhausahab Dhondiba Survey No.: 954

Village: Rahata, Astagon Tel: Rahata Dist: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.25	Normal
EC of Soil	0 - 1 dms	$1.2 \times 10^{-3}$	Emergence
CaCO <sub>3</sub> % of Soil	0.5 %	5	medium calcareous
Gypsum Requirement Kg/ha	0.160	25899.11	-
Organic Carbon		17.7%	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.3	Normal
EC of Water	0 - 3 dms	$138 \times 10^3$	Good
Hardness of Water	< 1	2120 PPM	Above mgt cat
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		$1.42 \times 10^6$	Excellent.
TDS in Water		1.25	

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head  
HEAD

Dept. of Chemistry

Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Rahul  
Sign of the Student:

S.V. Lahare  
Prof. S.V. Lahare  
Principal  
Principal

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Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**  
**DEPARTMENT OF CHEMISTRY**  
**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Nale Shital Babasaheb,

Name of the Farmer: Babasaheb Nale, Survey No.: 934

Village: Astagan Tel: Rahata, Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.8	Normal
EC of Soil	0 - 1 dms	0.96 dms	Good for seed germ <sup>n</sup>
CaCO <sub>3</sub> % of Soil	0.5 %	2.3 %	Non calcareous
Gypsum Requirement Kg/ha	0.160	24639.4	—
Organic Carbon		11.9 %	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	8.1	Normal
EC of Water	0 - 3 dms	2.3 dms.	Good.
Hardness of Water	< 1	4.03	—
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42	Excellent
TDS in Water		3.9 ppb.	—

Date: 30/06/2022

Sign of the Student: Shital

Ambadkar  
 Miss.S.B.Ambadkar  
 Co-ordinator

A.S. Tambe  
 Mr. A.S. Tambe  
 Head

Lahare  
 Prof.S.V. Lahare  
 Principal

HEAD  
 Dept. of Chemistry  
 Arts, Science & Commerce College,  
 Rahata, Dist. Ahmednagar

Principal  
 Arts, Science & Commerce College,  
 Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Nirmal Adesh Ashok.

Name of the Farmer: Nirmal Ashok. Annasaheb. Survey No.: 250.

Village: Pimpri Nirmal Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.61	Normal.
EC of Soil	0 - 1 dms	0.9605	Good soil
CaCO <sub>3</sub> % of Soil	0.5 %	5 %	medium calcareous
Gypsum Requirement Kg/ha	0.160	253/2.	
Organic Carbon		16.8103%.	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.31	Normal
EC of Water	0 - 3 dms	1.1031	Good for germination
Hardness of Water	< 1	2110	-
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.704	Excellent.
TDS in Water		8.20	-

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head

HEAD  
Dept. of Chemistry

Arts, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Sign of the Student: Nirmal

S.V. Lahare  
Prof. S.V. Lahare  
Principal

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Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Nirmal Sumit Dipak

Name of the Farmer: Nirmal Pandurang Annasaheb Survey No.: 250

Village: Pimpri Nirmal Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.20	Normal
EC of Soil	0 - 1 dms	1.37	Good seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	medium calcareous
Gypsum Requirement Kg/ha	0.160	20,608.8	—
Organic Carbon		13.198 %	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.28	Normal
EC of Water	0 - 3 dms	14.9	good.
Hardness of Water	< 1	2050.	—
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42	Excellent
TDS in Water		7.85	—

Date: 30/6/2022

Sign of the Student: Dipak

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head

S.V. Lahare  
Prof. S.V. Lahare

Principal  
Principal

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Dept. of Chemistry

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Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: padwal chandrakant shivaji

Name of the Farmer: padwal shivaji vishwanath Survey No.: 78

Village: Ranjangaon Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.22	Normal
EC of Soil	0 - 1 dms	1.203	Good seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	Good seed emergence
Hardness of Water	< 1	2030 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 B/lit	-
TDS in Water		8.10 ml/lit	-

Date: 30/06/2022

Amf.

Sign of the Student:

Ambadkar  
Miss.S.B. Ambadkar  
Co-ordinator

Mr. A.S. Tambe  
Mr. A.S. Tambe  
Head

Prof. S.V. Lahare  
Prof. S.V. Lahare  
Principal

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Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Pokale Pratik Shantaram

Name of the Farmer: Shantaram Gopinath Pokale Survey No.: 412

Village: Kadakewake . Tel: Rahata . Dist.: Ahmednagar .

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.24	Normal
EC of Soil	0 - 1 dms	1.02318	Germinate Seed.
CaCO <sub>3</sub> % of Soil	0.5 %	4.8%	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24,8888	—
Organic Carbon		14.13%	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	6.29	Normal.
EC of Water	0 - 3 dms	2.3dms	Good.
Hardness of Water	< 1	2042	—
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.53 mg/lit.	Excellent
TDS in Water		8.19 ppt.	—

Date: 30/06/2022

Sign of the Student: Pratik

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

Tambe  
Mr. A.S.Tambe  
Head

HEAD  
Dept. of Chemistry

Lahare  
Prof.S.V.Lahare  
Principal

Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Ranmale Shrutika Nandkishor

Name of the Farmer: Mira Gangadhar Game Survey No: [269] [509]

Village: Kelwad Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	5.2	Acidic
EC of Soil	0 - 1 dms	10.9	Poor seed emergence
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24899.84	-
Organic Carbon		18.36	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.32	Normal
EC of Water	0 - 3 dms	14.8 ms	Poor seed emergence
Hardness of Water	< 1	2030 ppm	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 per lit	-
TDS in Water		8.10 ppm	-

Date: 30/06/2022

Sign of the Student: Shrutika

Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head  
HEAD

S.V. Lahare  
Prof. S.V. Lahare  
Principal  
Principal



Shirdi Sai Rural Institute's  
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DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Raut Manisha Balasaheb

Name of the Farmer: Ganesh Dattatray Sule Survey No.: 201

Village: Kelwad Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	4.9	Acidic
EC of Soil	0 - 1 dms	0.9	Good for germination
CaCO <sub>3</sub> % of Soil	0.5 %	3.0%	Non-calcareous
Gypsum Requirement Kg/ha	0.160	1423.44	—
Organic Carbon		13.16%	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	8.3	Normal
EC of Water	0 - 3 dms	0.2 dms	Good.
Hardness of Water	< 1	1.435	.
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		2.34 ppm/lit	—
TDS in Water		10.45	—

Date: 30/06/2022

Sign of the Student: M. Raut

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head

S. V. Lahare  
Prof. S. V. Lahare  
Principal

HEAD  
Dept. of Chemistry

Principal

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ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Tathe Manjusha Babasaheb

Name of the Farmer: Tathe Babasaheb Balaji Survey No.: 306

Village: Rahata Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.5	Normal
EC of Soil	0 - 1 dms	1.023	Poor seed. emergency sample
CaCO <sub>3</sub> % of Soil	0.5 %	4.10%	medium calcareous
Gypsum Requirement Kg/ha	0.160	24.899	—
Organic Carbon		16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.5	Normal.
EC of Water	0 - 3 dms	1.42	—
Hardness of Water	< 1	2030 PPM	—
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.44 x 10 <sup>6</sup>	excellent
TDS in Water		8.15	—

Date: 30/06/2022

Sign of the Student: LHM B

Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head

Lahare  
Prof. S. V. Lahare  
Principal

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Rahata, Dist. Ahmednagar



Waghe Rohit

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Waghe Rohit Uttam.

Name of the Farmer: Waghe Rohit Uttam. Survey No.: 417

Village: Kelwad Tel: Rahata Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.49	Normal
EC of Soil	0 - 1 dms	$1.1 \times 10^{-3}$	Emergence <sup>Good</sup> <sub>to E</sub>
CaCO <sub>3</sub> % of Soil	0.5 %	5	Medium Calcareous
Gypsum Requirement Kg/ha	0.160	24889.11	—
Organic Carbon		16%	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.2	Normal
EC of Water	0 - 3 dms	$1.30 \times 10^3$	—
Hardness of Water	< 1	2118 ppm	A more mg <sup>2+</sup> Ca <sup>2+</sup>
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		$1.40 \times 10^6$	Excellent
TDS in Water		1.24	—

Date: 30/06/2022

Sign of the Student: Rohit

Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head

A. S. V. Lahare  
Prof. S. V. Lahare  
Principal

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Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's'

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Jejurkar Vandana Babasaheb

Name of the Farmer: Thorat Dattu Shivram Survey No.: 165/4

Village: Astagaon Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.	Normal
EC of Soil	0 - 1 dms	1.203	Good seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	Medium Calcareous
Gypsum Requirement Kg/ha	0.160	24,899.8	-
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 ms	Good seed germination
Hardness of Water	< 1	2030 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42/lit	-
TDS in Water		8.10 ml/lit	-

Date: 30-6-2022

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head

Vandana  
Sign of the Student:

S. V. Lahare  
Prof. S. V. Lahare  
PRINCIPAL  
Art's, Science & Commerce  
College, Rahata

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Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar



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ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Jondhale Dattatray Jagnath  
Name of the Farmer: Jondhale Jagnath Bhika Survey No.: 15  
Village: Werkadi (Rampyewadi) Tel: Rahata Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.9	Normal
EC of Soil	0 - 1 dms	$0.9 \times 10^3$	Good for germination
CaCO <sub>3</sub> % of Soil	0.5 %	3.001	Non calcareous
Gypsum Requirement Kg/ha	0.160	237674	-
Organic Carbon		18.30	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Poor seed germination
Hardness of Water	< 1	1086.8	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 MEq/lit	42/lit	-
TDS in Water		9.85	-

Date: 30/06/2022

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head  
HEAD

Dept. of Chemistry

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Sign of the Student: Jondhale

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Prof.S.V. Lahare  
PRINCIPAL  
Principal  
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College, Rahata

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**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Turkane Shubham Balasaheb

Name of the Farmer: Turkane Kashinath Ravaji Survey No.: 122/23

Village: Pimpalwadi

Tel: 9096234799

Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.22	Normal
EC of Soil	0 - 1 dms	1.203	Good Seed Germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium calcarius
Gypsum Requirement Kg/ha	0.160	24,899.84	—
Organic Carbon		16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	Good Seed Germination
Hardness of Water	< 1	2030 ppm	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 meter	—
TDS in Water		8.10 ml/Lit	—

Date: 30/06/2022

Sign of the Student: Shubham

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

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Prof. S.V. Lahare  
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**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Modhe Pallavi Balasaheb.

Name of the Farmer: Modhe Balasaheb Gopinath. Survey No.: 682


Village: Ranjangaon Khurd Tel: 9623259835


Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	<del>7.48</del> above 6	Acidic
EC of Soil	0 - 1 dms	16.6	Poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium colourless
Gypsum Requirement Kg/ha	0.160	2499.84	—
Organic Carbon		16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	poor seed germination
Hardness of Water	< 1	2030	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		142 × 10 <sup>6</sup> ppm	—
TDS in Water		10.1 mg/L	—

Date: 30-6-2022

  
Miss. S.B. Ambadkar  
Co-ordinator

  
Mr. A.S. Tambe  
HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Modhe  
Sign of the Student:

  
Prof. S.V. Lahare  
PRINCIPAL  
Art's, Science & Commerce College,  
Rahata

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DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Tambe Vaishnavi Adinath  
Name of the Farmer: Ganesh Rangnath Rakhmaji Survey No.: 206/368.  
Village: Kelwad. Tel: Rahata Dist.: A - Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	8.53	Normal
EC of Soil	0 - 1 dms	1.2 M mhos/cm.	good seed germination.
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium calcareous.
Gypsum Requirement Kg/ha	0.160	25399.84	—
Organic Carbon	—	16.1637 %	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	6.01	Normal.
EC of Water	0 - 3 dms	18.0 ms.	good seed emergence
Hardness of Water	< 1	299 oppm	more hard water.
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	—	1.42 ppm/lit	—
TDS in Water	—	9.50	—

Date: 30/06/2022.

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

Tambe V A.  
Mr. A.S.Tambe  
Head

Sign of the Student:

Lahare  
Prof.S.V. Lahare  
PRINCIPAL  
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DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Bombe Mayur Karbas

Name of the Farmer: Baburao Ganpatrao Apte Survey No.: 420/15

Village: Rui Tel: Rahata Dist: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.22	Normal
EC of Soil	0 - 1 dms	1.203	Good seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium Calcareous
Gypsum Requirement Kg/ha	0.160	24,899	
Organic Carbon		16	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	good seed germination
Hardness of Water	< 1	2030 ppm	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 B/lit	
TDS in Water		8.10 ml/lit	

Date: 30-6-2022

Sign of the Student: Bombe

S. B. Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A.S.Tambe  
Head

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DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Gadekar Sanket Dnyaneshwar

Name of the Farmer: Gaikwad Vijay Survey No.: 192/11

Village: Rahata Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	above 6	Acidic
EC of Soil	0 - 1 dms	16.6	poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium colourless
Gypsum Requirement Kg/ha	0.160	2499.84	—
Organic Carbon	—	16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5 - 8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	poor seed germination
Hardness of Water	< 1	2030	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	—	1.42 × 10 <sup>6</sup> ppm	—
TDS in Water	—	10.1 mg/lit	—

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head

Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Sanket  
Sign of the Student:

S.V. Lahare  
Prof. S.V. Lahare  
Principal  
Art's, Science & Commerce  
College, Rahata



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**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Gadhare prashant sanjay

Name of the Farmer: Gadhare sanjay Bajirao Survey No.: 371

Village: Ranjangoan kd Tel: Rahata

Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	4.49	Acidic
EC of Soil	0 - 1 dms	17.8	poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.5	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24899.99	-
Organic Carbon	19.13	19.13	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	poor seed germination
Hardness of Water	< 1	106.8	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	42.1 lit	-
TDS in Water		9.85	-

Date: 30/06/2022

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
HEAD  
Dept. Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Gadhare  
Sign of the Student:

S. V. Lahare  
Prof. S. V. Lahare  
PRINCIPAL  
Art's, Science & Commerce  
College, Rahata

Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Kohakde Tuskar Babasaheb

Name of the Farmer: Sadafal Sunil Damodhar Survey No.: 192/2

Village: Rahata Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	Above-6	Acidic
EC of Soil	0 - 1 dms	16.6	Poor Seed Germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9 %	Medium colourless
Gypsum Requirement Kg/ha	0.160	2499.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	Poor seed Germination
Hardness of Water	< 1	2030	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 x 10 <sup>6</sup> ppm	-
TDS in Water		10.1 mg/lit	-

Date: 30/06/2022

Sign of the Student: TB Kohakde

S. B. Ambadkar  
Miss. S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe  
Head

Dept. of Chemistry  
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Rahata, Dist. Ahmednagar

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Shirdi Sai Rural Institute's'

# ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

## DEPARTMENT OF CHEMISTRY

### SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Raut Anita Gajanan

Name of the Farmer: Raut Gajanan Survey No.: 149/147

Village: Astagaon Tel: 7498150307 Dist: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	above 6	Acidic
EC of Soil	0 - 1 dms	1.203	Good seed germinat <sup>n</sup>
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	medium colourless.
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	normal
EC of Water	0 - 3 dms	14.9 ms	Good seed germinat <sup>n</sup>
Hardness of Water	< 1	hardness of water	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42/lit	-
TDS in Water		8.10 ML/lit	-

Date: 30-6-2022

Sign of the Student: Raut

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe

HEAD  
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Rahata - Dist. Ahmednagar

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Prof. S.V. Lahare  
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College, Rahata

Shirdi Sai Rural Institute's  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Ghorpade Hitik Dattatraya

Name of the Farmer: Ghorpade Dattatraya Ramesh Survey No.: 742

Village: Pimpri Nimmad Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	4.49	Acidic
EC of Soil	0 - 1 dms	17.8	Poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.5	medium calcareous.
Gypsum Requirement Kg/ha	0.160	24899.99	—
Organic Carbon	1.5	19.13	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Poor seed germination
Hardness of Water	< 1	106.8	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 meq/lit	42/liter	—
TDS in Water		9.85	—

Date: 30/06/2022

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
HEAD

Dept. of Chemistry  
Art's, Science & Commerce College,  
Pimpri, Dist. Ahmednagar

Ghorpade  
Sign of the Student:

Lahare  
Prof.S.V. Lahare  
PRINCIPAL  
Principal  
Art's, Science & Commerce  
College, Rahata



Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Gautwad Kiren Vijay

Name of the Farmer: Chhoteyade Jangra Fakrad

Survey No.: 28

Village: P. Niernel

Tel: \_\_\_\_\_

Dist.: \_\_\_\_\_

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	Above 5	Acidic
EC of Soil	0 - 1 dms	6.6	Poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium colourless
Gypsum Requirement Kg/ha	0.160	2499.84	-
Organic Carbon	<del>16</del>	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5 - 8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	Poor seed germination
Hardness of Water	< 1	2030	more Hard
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 x 10 <sup>6</sup> ppm	-
TDS in Water		10.1 mg/l	-

Date: 30/6/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe  
Head

Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Amnchhagar

P. S. V. Lahare  
Sign of the Student:

P. S. V. Lahare  
Prof. S.V. Lahare  
PRINCIPAL  
Art's, Science & Commerce  
College, Rahata

Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Tribhan Asti Ramdas.

Name of the Farmer: Tribhan Ramdas Anjabapu Survey No.: 189/2

Village: Astagaon Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.22	Normal
EC of Soil	0 - 1 dms	1.203	good seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium calcareous
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	good seed germination
Hardness of Water	< 1	2030 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42/lit	-
TDS in Water		8.10 ml/lit	-

Date: 30/6/2022



Miss. S.B. Ambadkar  
Co-ordinator

Sign of the Student: 

  
Mr. A.S. Tambe

HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

  
Prof. S.V. Lahare

PRINCIPAL  
Art's Science & Commerce  
College, Rahata



Shirdi Sai Rural Institute's  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Ghorpade Kiran Balasaheb

Name of the Farmer: Ghorpade Balasaheb Annasaheb Survey No.: 704

Village: Pimpri Nimal Tel: Rahata

Dist.: \_\_\_\_\_

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	4.49	Acidic
EC of Soil	0 - 1 dms	17.8	Poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.5	medium calcareous
Gypsum Requirement Kg/ha	0.160	24899.99	—
Organic Carbon		19.13	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Poor seed germination
Hardness of Water	< 1	106.8	More Hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		< 5 meq/l	—
TDS in Water		9.85	—

Kiran

Sign of the Student:

Date: 30/6/22

S.B. Ambadkar

Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe

Mr. A.S. Tambe

HEAD

Dept. of Chemistry  
Art's, Science & Commerce College,  
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**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Dukare Ajit Sanjay

Name of the Farmer: Dukare Sanjay Kashinath Survey No.: 192/1

Village: Rahata Tel: Rahata Dist.: Ahmednagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	above 6	Acidic
EC of Soil	0 - 1 dms	16.6	Poor seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium colourless
Gypsum Requirement Kg/ha	0.160	2499.84	—
Organic Carbon	—	16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	Poor seed germination
Hardness of Water	< 1	2030	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 x 10 <sup>6</sup> ppm	—
TDS in Water		10.1 mg/lit	—

Date: 30-06-2022

Ambadkar

Miss.S.B.Ambadkar  
Co-ordinator

Tambe

Mr. A.S.Tambe  
HEAD

Head of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Sign of the Student:

Ajit

Lahare

Prof.S.V.Lahare  
PRINCIPAL

Principal  
Art's, Science & Commerce  
College, Rahata



Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Khambekar Roshan Sunil

Name of the Farmer: Bagde Sanjay Survey No.: 12

Village: Rahata Tel: Rahata Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	above 6	Acidic
EC of Soil	0 - 1 dms	16.6	pose seed germination.
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium Colours less
Gypsum Requirement Kg/ha	0.160	2499.84	-
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.41	Normal
EC of Water	0 - 3 dms	14.9	pose seed germination.
Hardness of Water	< 1	2030	More Hard water.
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 x 10 <sup>6</sup> ppm	-
TDS in Water		10.1 mg/lit	-

Date: 30/06/2022

S.B. Ambadkar  
Miss. S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe

HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata Dist. Ahmednagar

Roshan  
Sign of the Student:

S.V. Lahare  
Prof. S.V. Lahare  
PRINCIPAL  
Principal  
Art's, Science & Commerce  
College, Rahata

Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Vidhate Achat Rajendra  
Name of the Farmer: Tribhan Ramdas Anjabapu Survey No.: 189/2  
Village: Astagaon Tel: Rahata Dist.: A. Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.22	Normal
EC of Soil	0 - 1 dms	1.203	good seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium Calcium
Gypsum Requirement Kg/ha	0.160	24.899.84	—
Organic Carbon	—	16.1637	—

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	good seed germination
Hardness of Water	< 1	2030 ppm	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		142 / lit	—
TDS in Water		8.10 ml/lit	—

Date: 30/6/22

S.B. Ambadkar  
Miss.S.B. Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S. Tambe

HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Sign of the Student:

S.V. Lahare  
Prof.S.V. Lahare

PRINCIPAL  
Art's, Science & Commerce  
College, Rahata



Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Dokhe Roshan Suresh

Name of the Farmer: Turakne Shubham Balasaheb Survey No.: 149/47

Village: Dokhe Dongaon Tel: 9657659536

Dist.: Chhatrapati Sambhajinagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.22	Normal.
EC of Soil	0 - 1 dms	1.203	Good seed Germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium Calcareous
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 ms	Good seed Germination
Hardness of Water	< 1	hardness of water	More hard water.
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42/lit	-
TDS in Water		8.10M/lit	MC

Date: 30/06/2022

Sign of the Student:

S. B. Ambadkar  
Miss S. B. Ambadkar  
Co-ordinator

A. S. Tambe  
Mr. A. S. Tambe

HEAD  
Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

S. V. Lahare  
Prof. S. V. Lahare

PRINCIPAL  
Principal  
Art's, Science & Commerce  
College, Rahata

Shirdi Sai Rural Institute's'  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Londhe Pooja Papat

Name of the Farmer: Londhe Papat dhondiba

Survey No.: 249/49

Village: Aslagaon

Tel: Rahat

Dist.: A-Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	8.22	Normal
EC of Soil	0 - 1 dms	1.203	Good seed germination
CaCO <sub>3</sub> % of Soil	0.5 %	4.9	Medium colorless
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16.1687	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 MS	Good seed germination
Hardness of Water	< 1	hardness of water	More hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water		1.42 ml/l	-
TDS in Water		8.10 ml/l	

Date: 30/06/2022

Sign of the Student:

[Signature]  
Miss.S.B.Ambadkar  
Co-ordinator

[Signature]  
Mr. A.S. Tambe

[Signature]  
Prof.S.V. Lahare

Head  
Dept. of Chemistry  
Art's, Science & Commerce College  
Rahata, Dist. Amnagar

Principal  
Art's, Science & Commerce  
College, Rahata



Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: Dhatrak Hoishikesh Ashok  
Name of the Farmer: कपिकर Akshay punjaram Survey No.: -  
Village: Rahata Tel: Rahata Dist.: A-Nagar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	4.49	acidic
EC of Soil	0 - 1 dms	$0.9 \times 10^{-3}$	good for germination
CaCO <sub>3</sub> % of Soil	0.5 %	3.001	Non-calcareous
Gypsum Requirement Kg/ha	0.160	237.674	-
Organic Carbon		18.30	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	poor seed germination
Hardness of Water	< 1	106.8	More water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 M <sub>1</sub> =0 litre	42 / Lit	-
TDS in Water		9.85	-

Date: 30/06/2022

Sign of the Student: Hishi

S.B. Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

A.S. Tambe  
Mr. A.S.Tambe  
HEAD

S.V. Lahare  
Prof.S.V. Lahare  
PRINCIPAL  
Principal  
Art's, Science & Commerce  
College, Rahata

Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's'  
**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**  
**DEPARTMENT OF CHEMISTRY**

**SOIL AND WATER ANALYSIS REPORT**

(01<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022)

Name of the Student: LAHARE SUDARSHAN GORAKSHNATH

Name of the Farmer: LAHARE GORAKSHNATH NIVRUTTI Survey No.: 23

Village: WAKADI Tel: RAHATA Dist.: A. NAGAR

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	4.49	acidic
EC of Soil	0 - 1 dms	$0.9 \times 10^{-3}$	good for germination
CaCO <sub>3</sub> % of Soil	0.5 %	3.001	Non-calcareous
Gypsum Requirement Kg/ha	0.160	237674	-
Organic Carbon		18.30	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Poor seed germination
Hardness of Water	< 1	106.8	more hard water
CO <sub>3</sub> <sup>2-</sup> , HCO <sub>3</sub> <sup>-</sup> , chloride in water	< 5 mg/l liter	42/lit	-
TDS in Water		9.25	-

Date: 30/06/2022

Sign of the Student: Sudarshan

Ambadkar  
Miss.S.B.Ambadkar  
Co-ordinator

Tambe  
Mr. A.S.Tambe  
Head

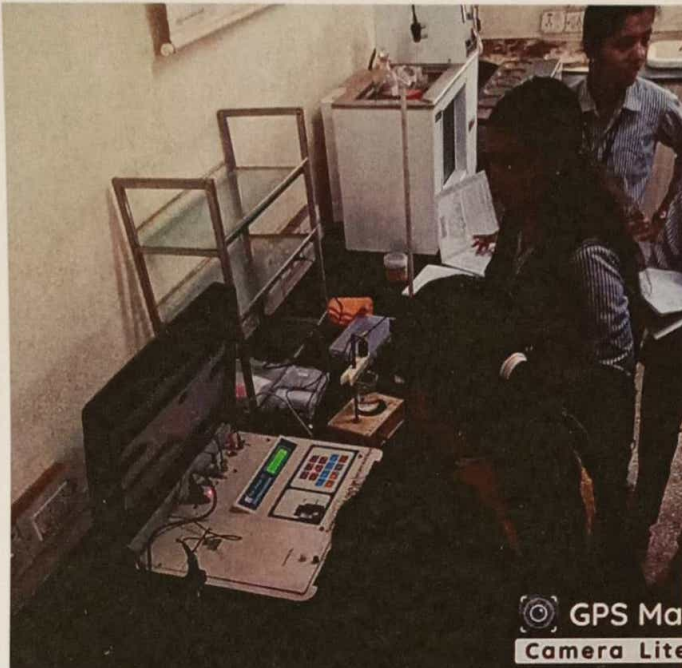
Lahare  
Prof.S.V. Lahare  
Principal

Dept. of Chemistry  
Art's, Science & Commerce College,  
Rahata, Dist. Ahmednagar

Art's, Science & Commerce  
College, Rahata



# PH Metric analysis of soil and water



GPS Ma  
Camera Lite

Kopargaon - Shirdi - Ahmednagar - Pune Hwy,  
Maharashtra 423107, India

Latitude Longitude  
19.6880862° 74.4853497°

Local 10:03:07 AM Altitude 0 meters  
GMT 04:33:07 AM Monday, 20-06-2022

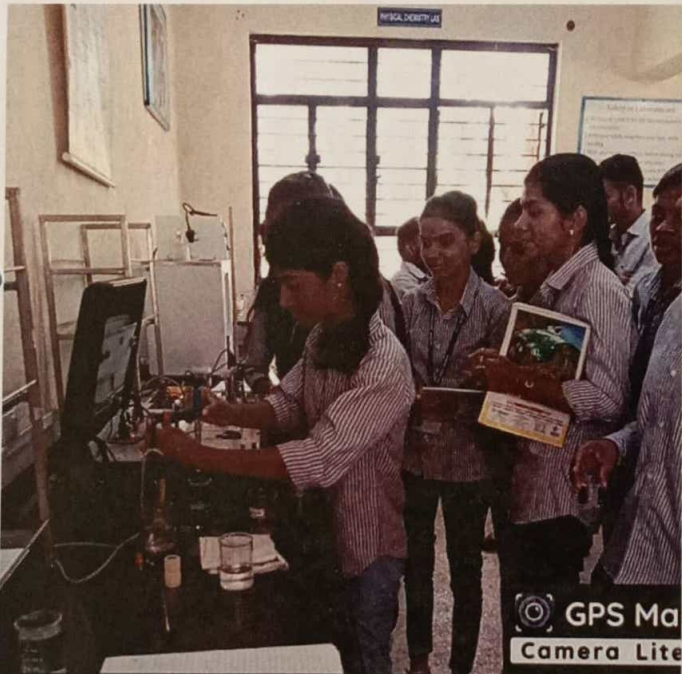


GPS Ma  
Camera Lite

MFVM+G75, Rahata, Maharashtra 423107, India

Latitude Longitude  
19.6933217° 74.4831518°

Local 09:58:44 AM Altitude 0 meters  
GMT 04:28:44 AM Monday, 20-06-2022



GPS Ma  
Camera Lite

Kopargaon - Shirdi - Ahmednagar - Pune Hwy,  
Maharashtra 423107, India

Latitude Longitude  
19.6880862° 74.4853497°

Local 09:57:29 AM Altitude 0 meters  
GMT 04:27:29 AM Monday, 20-06-2022



GPS Ma  
Camera Lite

MFVH+H8V, Khadakewake, Maharashtra  
423107, India

Latitude Longitude  
19.6937523° 74.4785626°

Local 10:00:02 AM Altitude 459 meters  
GMT 04:30:02 AM Monday, 20-06-2022



SSRI's,  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA  
Department of Marathi  
Outreach activity: Modi Lipi training program to student and community

**Aims and objective:**

1. To Create awareness about Modi lipi instrument and community.
2. To help them learn basic knowledge of Modi Llipi .
3. To enable them translate various Modi Lipi documents.

Resource person professor Mahesh Joshi president Vasundhara Bhasha  
Modi lipisamvardhan and sanshodhan Kendra Pune

**Contributors:** Dr. Sanjay Kadam

Prof. Anil Mate

**Participants:** College students 25

Other people 15

**Outcomes:** students and community with learn following things from this training program .

1. Students and people will learn basic of mod lLipi.
2. They will learn technique use of Modi Llipi.
3. They will learn the history of Modi Llipi.
4. They will enable to translate Modi Lipi documents.
5. They will read Modi Lipi documents.

**Content:**

1. Modi lLipi introduction and history.
2. Modi lipi Alphabets
3. Type of Modi Llipi documents.
4. Study of Modi Lipi documents.
5. Translation of Modi Lipi documents.



## Mudi Lipi training program Report

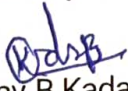
In our college from 25 April 2022 to 30 April 2022 Modi lipi training program was arrange Mr Mahesh Suresh Joshi was the trainer for this program Mr Mahesh Joshi is

member of Vasundhara Badshah Modi lipisamvardhan and sanshodhan Kendra Pune

In this training program 20 college student and 15 other people of community we are participant Dr Sanjay Kadam HOD of Marathi was the coordinator of this program.

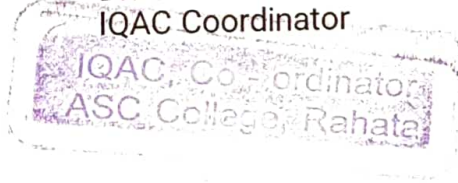
Mr Mahesh Joshi sirl did student and peoples about history of Modi Lipi and its uses in details.

Dr. Mahesh kharde sir director off ssri guided as for this program principal prof. Sanjay Lahare guided for this program Mr. Anil Mate and other staff members help us effectively for implement of training program.

  
Dr. Sanjay B. Kadam  
HoD, Marathi

DEPARTMENT OF MARATHI  
Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar

  
Dr. Vikram Bhatekar  
IQAC Coordinator



  
Ms. Sanjay Lahare  
Principal

Art's Science & Commerce  
College, Rahata





शिर्डी साईं रूरल इन्स्टिट्यूटचे,

# कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता



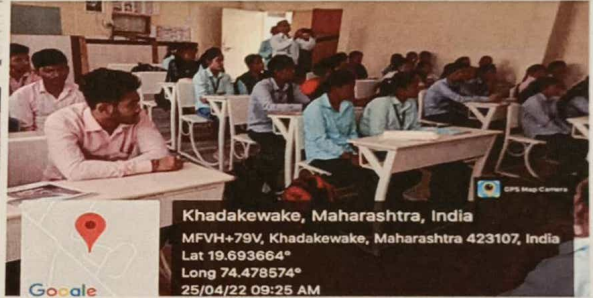
ता.राहाता, जि.अहमदनगर

पुणे विद्यापीठ विद्यार्थी कल्याण मंडळ 'उत्कृष्ट महाविद्यालय' पुरस्कार प्राप्त सन 2011-12  
नॅक 'ब ++ दर्जा मानांकित महाविद्यालय-2018

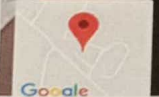
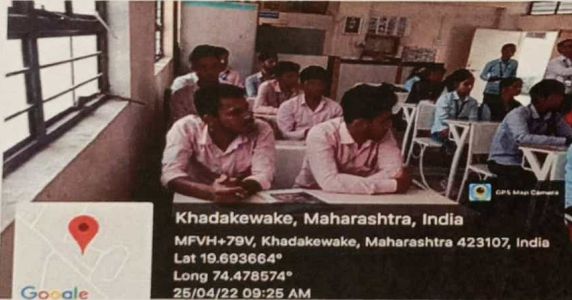
पुणे विद्यापीठ 'उत्कृष्ट सलग महाविद्यालय' पुरस्कार प्राप्त सन 2012-13  
डी.एस.टी. फीस्ट पुरस्कृत महाविद्यालय



Khadakewake, Maharashtra, India  
MFVH+HBV, Khadakewake, Maharashtra 423107, India  
Lat 19.693712°  
Long 74.478607°



Khadakewake, Maharashtra, India  
MFVH+79V, Khadakewake, Maharashtra 423107, India  
Lat 19.693664°  
Long 74.478574°  
25/04/22 09:25 AM



Khadakewake, Maharashtra, India  
MFVH+79V, Khadakewake, Maharashtra 423107, India  
Lat 19.693664°  
Long 74.478574°  
25/04/22 09:25 AM



Khadakewake, Maharashtra, India  
MFVH+HBV, Khadakewake, Maharashtra 423107, India  
Lat 19.693868°  
Long 74.478725°



Khadakewake, Maharashtra, India  
MFVH+79V, Khadakewake, Maharashtra 423107, India  
Lat 19.693685°  
Long 74.478584°  
25/04/22 09:21 AM



Khadakewake, Maharashtra, India  
MFVH+79V, Khadakewake, Maharashtra 423107, India  
Lat 19.693664°  
Long 74.478574°  
25/04/22 09:24 AM

## Modi Lipi training program to student and community





**SSRI**

**ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

**Department of Zoology**

**Outreach activity: Guest lecture and demonstration on “Vermicompost Bin Preparation”  
for the students and Farmers.**

**Aims and objective:**

- To Maintain Vermicomposting Unit in college in order to maintain ecofriendly college campus.
- To utilize waste of campus plants and garden by using earthworms and get vermicopost as a Black Gold!
- To aware the students and society to use chemical free Vermicompost as an organic fertilizer for agriculture.
- To provide own Vermicompost to college horticulture and gardens in free of cost.
- To develop ‘Vermicomposting Consultancy Unit’ and organize organic farming workshops for farmers.
- To sign MoU and organize collaborative on-site training with the nongovernment organization for entrepreneurship development in students.

**Participants:** 62 students of the Science stream and 32 farmers.

**Contributors:**

1. Mr. Sanjay Raut Sir (Guest Lecturer).
2. Dr. V. R. Pawade (HOD of Zoology)
3. Mr. S. D. Talole (Assit. Prof. Zoology Dept.)

**Outcomes:** Students and Farmers will learn the following things from this activity:

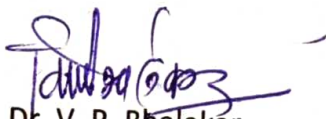
- Students and Farmers able to developed own Vermicompost Unit.
- Participants Understood the Technique of Preparation of Vermicompost Unit.
- Students and Farmers know significance of Vermicompost.
- Vermicompost as Self-employment opportunities.

**Content:**

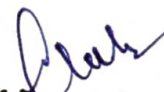
- Techniques of Vermicompost Bin Preparation.
- Difference Between chemical and Organic Fertilizers
- Significance of Vermicompost



Dr. V. R. Pawade  
HOD Dept. of Zoology



Dr. V. P. Bhalekar  
IQAC Coordinator  
IQAC, Co - ordinator  
ASC College, Rahata



Prof. S. V. Lahare  
Principal

**I/C PRINCIPAL**  
Art's, Science & Commerce Collee  
Rahata, Dist Ahmednagar






**A Report**  
**On**  
**“Vermicompost Bin Preparation”**  
**Organized by**  
**Department of Zoology.**

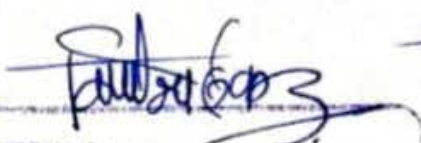
The Department of Zoology of Arts Science and Commerce College organized a guest lecture on “Vermiculture Bin Preparation” for Students on Wednesday 11<sup>th</sup> May 2022 at 12.30 am. Dr. V. R. Pawade, Head of the Department of Zoology, welcome the chief guest Mr. Sanjay Raut Sir, and Vice-Principal Dr. S. K. Pulate and Dr. D. N. Dange. He also gave an introduction to Programme. Then, Programme was formally inaugurated by lighting holy lamp and garlanding photo frames of Padmshri Dr. Vithalrao Vikhe Patil and Padmabhushan Dr. Balasheb Vikhe Patil.


Mr. Sanjay Raut Sir, Explain the role of vermicompost in Agriculture. He explains, biofertilizers, and Demonstration on Vermicompost bin Preparation.

Students of F. Y. B. Sc and S. Y. B. Sc prepare a Two Vermicompost bin Successfully.

A total of 65 students and 32 farmers were participated in the program.

  
Dr. V. R. Pawade  
HOD Zoology Dept.

  
IQAC, Co - ordinator  
ASC College, Rahata

  
Mr. S. V. Lahare  
Principal  
I/C PRINCIPAL  
Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar

Vice Principal Dr.D.N.Dange and Dr. S.K. Pulate felicitating of shri.Sanjay Raut sir.

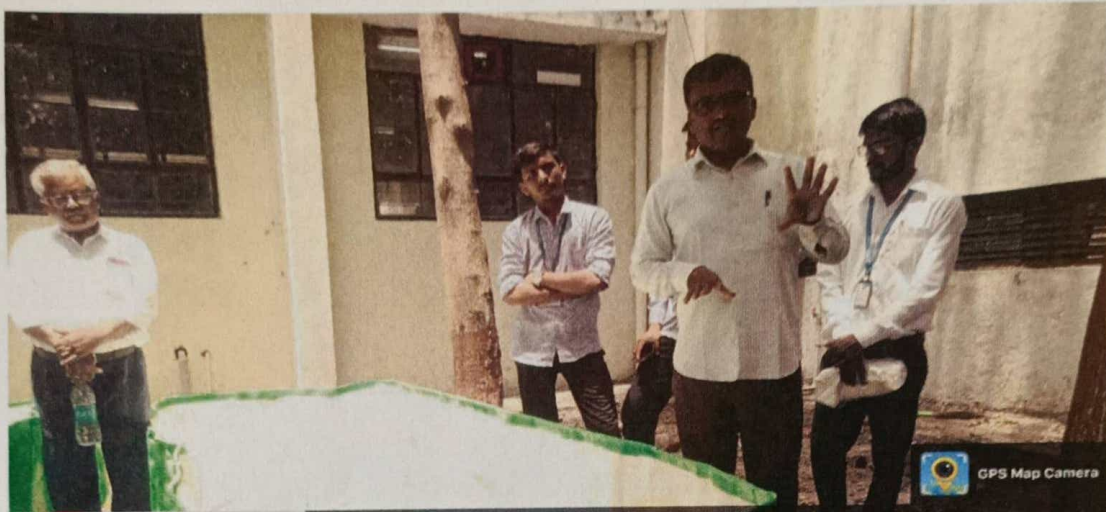



shri. sanjay Raut sir Guidance to student.






Shri. Sanjay Raut s/z Guidance to student on the topic of Vermicompost Bin Preparation.



  
Mannad R  
Google

**Ahmednagar, Maharashtra, India**  
Kopargaon - Shirdi - Ahmednagar - Pune Hwy,  
Maharashtra 423107, India  
Lat 19.688513°  
Long 74.486082°  
11/05/22 01:06 PM



  
Mannad R  
Google

**Ahmednagar, Maharashtra, India**  
Kopargaon - Shirdi - Ahmednagar - Pune Hwy,  
Maharashtra 423107, India  
Lat 19.688513°  
Long 74.486082°  
11/05/22 01:06 PM



Shirdi Sai Rural Institutes

# Arts, Science and Commerce College, Rahata

## Department of Commerce

### Outreach Activity- Consumer Protection Act Awareness Rally 2021-22

#### Need of Consumer Protection Act, 1986

The Consumer Protection Bill, 1986 seeks to provide for better protection of the interests of consumers and for the purpose, to make provision for the establishment of Consumer councils and other authorities for the settlement of consumer disputes and for matter connected therewith.

#### Scope of Consumer Protection Act, 2019

- It is applicable to all goods, services and unfair trade practices unless specifically exempted by the Central Government
- It covers all sectors private, public as well as co-operative.
- It provides three tier machinery for settling consumer grievances.
- It provides six rights to consumers.


#### Out Comes of Consumer Protection Act, 1986/2019

- Consumers have the right to be free of hazardous goods and services that jeopardize their lives and property.
- The customer has a right to know about the quantity, consistency, purity, strength, and quality of goods and services.
- Furthermore, consumers must pay reasonable rates for the goods they purchase.
- The new Consumer Protection Act, 2019 (CPA, 2019) which came into effect from 20 July 2020, repealing the earlier enactment of 1986 is already being hailed as a success as it gives more power to consumers.
- Consumer awareness means the knowledge and information of the products which consumers are buying.
- Its outcomes are now a days people are more alert about the products they are purchasing and manufacturer have to provide complete information about the product.

  
HEAD

DEPARTMENT OF COMMERCE  
Arts, Science & Commerce College  
Rahata, Dist. Ahmednagar



  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata



# Consumer Protection Act Awareness Rally

## Report 2021-22

In our Arts, Science and Commerce College, Rahata, Department of Commerce, we celebrated Consumer day on 24 December 2021 in village Pimplas.

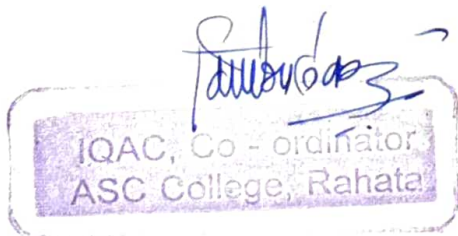
We arranged prabhatferi in village pimplas, on the occasion of Jago Grahak day. In this rally 76 Students of commerce department were participated actively, the main purpose, it is to create awareness in rural area about consumer act, protection act and fraud information provided.

The consumer production act was created to deal with a large number of consumers, but many consumers were cheated in the country and abroad.

On this occasion it is essential to know their consumer rights act. It is our expectation to create moral in the people of pimplas village. It will be helpful to students of commerce department, especially pimplas village.

Consumer protection act was established in December 1986, the main purpose of this act was to create awareness in consumer, from being cheated by others. The information regarding this is given in this prabhatferi such as rights to safety, the rights of information, rights to choose anything, the rights to express your opinion, rights to complaint, rights to redress, rights to education and various other rights that consumers have to create awareness about consumer day.

In such a way awareness was created among students of commerce department and people of pimplas village through this prabhatferi. After this awareness all students returned to college.



Signature of Principal  
PRINCIPAL  
Art's Science & Commerce  
College, Rahata

Date: 23/10/2021

To,  
The Principal,  
A.S.C.College,  
Rahata.

**Subject:** - Regarding permission to organize a Covid 19 Vaccination camp for students.

Dear Sir,

With reference to the above mentioned subject, I would like to seek permission to organize a Covid 19 Vaccination camp for the students of our college on Tuesday, 26 October, 2021 for the safety of students. The camp will be arranged according to the norms of Savitribai Phule Pune University and Maharashtra Government.

Kindly grant the permission.

Thank you.

Yours sincerely,

  
Prof. A.B.Mate

(Student Welfare Officer)

Approved  
A.B. Mate  
28/10/21



# ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

## Student Welfare Board

### NOTICE

All the students of A.S.C.College, Rahata are informed that the Student Welfare Board and Savitribai Phule Pune University and Maharashtra government will be jointly conducting a **Covid 19 Vaccination Camp**, on Tuesday, 26 October, 2021 for the safety of students. The students who has not taken the vaccine yet, kindly contact with Prof. A. B. Mate, Student Welfare Officer. All are requested to take vaccine.

Venue- Seminar Hall

Time – 09:00 am.



**Prof.A.B. Mate,**

**Student Welfare Officer**

STUDENT WELFARE OFFICER  
Arts, Science & Commerce College  
Rahata, Tal. Rahata, Dist. A'Nagar.



**Prof. S.V. Lahare,**

**I/C Principal**

Art's, Science & Commerce College  
Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's  
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

**“Covid 19 Vaccination Camp”**

Organized By

**Student Welfare Board**

**REPORT**

The “**Student Welfare Board**” of Arts, Science and Commerce College, Rahata Organised Covid 19 vaccination camp under Misson Yuva Swasthya, Savitribai Phule Pune University and Maharashtra Government on 26, October, 2021. There were 79 students get benefitted by the camp. On the occasion of inaugural function of the camp Dr. Mahesh Kharde, Director, Shirdi Sai Rural Institute, Prof. Sanjay Lahare, Principal, vice principal Dr. D. N. Dange, Prof. T.K. Kumkar and Student Welfare Officer Prof. A. B. Mate and Dr. Nale Madam and the staff of Primary Health Center, Dorhale were remained present and participated actively in the success of programme.

From the 79 students 20 students were from Arts faculty, 26 students from Science faculty, 18 students from Commerce faculty, 07 students from I.T.I and 8 were the parents. Prof. Bothe P.G., Prof. Desai Madam, Prof. Ambadkar Madam and Dr. M. S. Patgaonkar were in registration committee.



**Prof.A.B Mate,**

**STUDENT WELFARE OFFICER**  
**Student Welfare Officer**  
Arts, Science & Commerce College  
Rahata, Rahata, Dist. A'Nagar.



**Prof. Sanjay Lahare,**

**I/O PRINCIPAL**  
**Principal**  
Art's, Science & Commerce College  
Rahata, Dist Ahmednagar



Shirdi Sai Rural Institutes  
**ARTS SCIENCE AND COMMERCE COLLEGE, RAHATA**  
 Organized By  
**Students Welfare Board Date 26 October 2021**  
**COVID 19 VACCINATION CAMP STUDENTS LIST**

Sr.No.	Name of the Students	Mobile No.	Class	Vaccine	Dose
1	Bhalerao sandip balasdaheb	9156086608	TYBA	Covishild	I
2	Khote Ashish Rajendra	9730601115	TYBA	Covishild	I
3	Talode Abhishek Sopan	9850598244	SYBA	Covishild	1
4	Karnavat Mahaveer ravindra	7447201177	FYBA	Covishild	2
5	Pathare Vijay balasahe`b	7744885812	TYBA	Covishild	1
6	Pawar Shubham, dattatray	9403450819	SYBA	Covishild	2
7	Lalvani rachnaa jite`ndra	7666450311	TYBA	Covishild	1
8	Kadam Chiatali Sukdeo	8830394451	SYBA	Covishild	1
9	Gaikwad Pratiksha Rame`sh	9356499089	FYBA	Covishild	1
10	Pawar sanny Kiran	9309598807	FYBA	Covishild	1
11	Ranwade Sudarshan Punja	9284064858	FYBA	Covishild	1
12	Dange BhushanSarjerao	9092968152	FYBA	Covishild	1
13	Dange Prashant balasaheb	9022968152	FYBA	Covishild	1
14	More Mayuri Anil	9356846368	FYBA	Covishild	1
15	Bansode Sai Sharad	9518397549	SYBA	Covishild	1
16	Rajput Adinath kalu	9405105392	SYBA	Covishild	1
17	Pawar Shital Dinesh	9529475132	TYBA	Covishild	1
18	Pawar manishaa Uttam	9529475132	TYBA	Covishild	1
19	Shelke Sumit Kisho`r	9503703725	SYBA	Covishild	1
20	Nagare Yash Punjaram	7770066897	SYBA	Covishild	1
21	Divt`e` Tushar sanjay	9172510641	MSC. II	Covishild	1
22	Kokat`e` Pratiksha Datta	8308837662	SYBSc	Covishild	1
23	Somavanshi shradhha santosh	8010075760	FYBSc	Covishild	1
24	Varpe Pratiksha sanjay	8329774429	SYBSc	Covishild	1
25	Kandalkar satish lal	8010527054	SYBSc	Covishild	1
26	Tribhuvan Nandini nana	7620752262	SYBSc	Covishild	1
27	Bidve Pooja Walmik	9970773079	SYBSc	Covishild	
28	Bramhane rutuja machindra	7057958559	SYBSc	Covishild	1
29	Shinde Rutuja sanjay	8080442930	TYBSc	Covishild	1
30	Murtdak shivani Goraksha	9370572995	TYBSc	Covishild	1
31	Landage Syjata rangnath	9960548744	TYBSc	Covishild	1
32	Bombe Mayur kailas	9359361386	MSC. II	Covishild	1
33	Bhalekar Vikram Popat	8600135623	Faculty	Covishild	2

34	Dhavale Ravindra Vinayak	8928387170	Faculty	Covishild	2
35	Pagare Amol ratan	9766454102	Faculty	Covishild	2
36	Narode Zrahul Suresh	9689163590	Faculty	Covishild	2
37	Jejurkar Abhijit sanjay	7028183277	Faculty	Covishild	2
38	Gadhve Aditya sanjay	7822816530	TYBSc	Covishild	2
39	Dange Yogesh surybhan	8263980174	TYBSc	Covishild	1
40	Choke Ajinkya balasaheb	7083454141	FYBSc	Covishild	1
41	Golhar Krishna Annasaheb	9172505476	SYBSc	Covishild	1
42	Thopate Akanskaha Govind	9699799458	SYBSc	Covishild	1
43	Gaikwad ganesh bhanudas	7972716841	Faculty	Covishild	2
44	Kalhature Sagar Ashok	9373171892	Faculty	Covishild	2
45	Wakchaure Sumit jalidar	9579254232	Faculty	Covishild	2
46	Desai Rupali Abhishek	8888895990	Faculty	Covishild	2
47	Nirmal Pavan Bhimraj	9075224556	M. Com	Covishild	2
48	Jape Pradip balasaheb	8329883988	M.Com II	Covishild	2
49	Pacharne Aksha Kisan	9579171856	FYBCom	Covishild	1
50	Dange Shobhit Babasaheb	9881562910	SYBCom	Covishild	2
51	Aware Rupam machindra	7057402465	FYBCom	Covishild	1
52	Suryavanshi Atharva Ramesh	9359882829	FYBCom	Covishild	1
53	Ranvade Sonath Namdeo	8830804348	FYBCom	Covishild	1
54	Tarage Gokul Kisan	7822918759	FYBCom.	Covishild	1
55	Sonavane Dipali sachin	9552735180	TYBCom	Covishild	1
56	Rohom Viresh ramnath	7709701021	FUBCom	Covishild	1
57	Dhavale Rutuja Arun	9209271071	TYBCom	Covishild	1
58	Borhade Pooja rakesh	9699417113	FUYBCom	Covishild	1
59	Kadam salshi shyamrao	9356404860	SYBcom	Covishild	1
60	Surase Gaytri Vinayak	9356564048	SYBCom	Covishild	1
61	Sdaphla shradhha balasaheb	8767185696	SYBCom	Covishild	1
62	Dhnavate Shekharatish	7499617119	SYBCom	Covishild	1
63	Tupe Akshay rajendra	9673623709	M.Com II	Covishild	2
64	Gaikwad Rohoni attatray	9325803787	FYBCom	Covishild	1
65	Chavhan amol sanjay	9529676464	ITI	Covishild	1
66	Dange Dilip Kishor	9822797043	Faculty	Covishild	1
67	Khadake Rahul sanjay	9356553308	Faculty	Covishild	2
68	Shinde Satish Subhash	9284334140	Faculty	Covishild	1
69	Hon Raosaheb Bhagvan	8975070335	Faculty	Covishild	1
70	Pathan Danish Alabaksha	9307400890	ITI	Covishild	1
71	Dighe Prashant Laxman	8975183439	ITI	Covishild	1
72	Karnavar Prashant ravindra	7447201177	Parent	Covishild	2
73	Patil savita Rahul	9579429757	Parent	Covishild	1
74	Gaddeklar Prashant rangnath	9922125173	Parent	Covishild	1



75	Inamdar Aloukik Devesh	9075003616	Parent	Covishild	2
76	Dange Navnath ma`ruti	9763257470	Parent	Covishild	2
77	Shaikh Mazhar Anvar	8788546468	Parent	Covishild	2
78	Godage Aman raosaheb	9175083132	Parent	Covishild	1
79	Ghorpade Raosaheb sakharam	7620676301	Parent	Covishild	1

*AS*

**STUDENT WELFARE OFFICER**  
Arts, Science & Commerce College  
Rahata, Tal. Rahata, Dist. A. Nagar.



*[Signature]*  
**PRINCIPAL**

Art's Science & Commerce College  
Rahata, Tal. Rahata, Dist. A. Nagar



**Covid-19 vaccination camp at Arts, Science and Commerce College Rahata.**

**IQAC, Co - ordinator  
ASC College, Rahata**



**PRINCIPAL  
Art's Science & Commerce  
College, Rahata**





महाराष्ट्र शासन  
महसुल विभाग

## तहसिल कार्यालय, राहाता.

दुरध्वनी क्रमांक: ०२४२३-२४२८५३

ईमेल: tahsilrahata1999@gmail.com

क्र.कावि/ नैआव्य/ १६५१ /२०२१

राहाता दिनांक : २५ / १० / २०२१

### आदेश

विषय - दि. २५/१०/२०२१ पासून युवा स्वास्थ्य कोवीड लसीकरण मोहिम राबविणेबाबत...

वरील विषयानुसार राहाता तालुक्यामध्ये युवा स्वास्थ्य कोवीड लसीकरण मोहिम राबविणेबाबत सुचना प्राप्त झालेल्या आहेत. त्याअनुषंगाने तालुक्यातील सर्व कॉलेजमधील १८ वर्ष पुर्ण असलेल्या सर्व विद्यार्थ्यांचे लसीकरण करावयाचे आहे. करीता खालील दिलेल्या दिनांकास प्राचार्य, विद्यार्थी विकास अधिकारी, वैद्यकिय अधिकारी व नोडल अधिकारी यांनी समन्वय ठेऊन सदर मोहिम यशस्वी करावी.

सदर मोहिम करीता वैद्यकिय अधिकारी, प्रा.आ.केंद्र/ग्रामीण रुग्णालय यांनी सदर दिनांकास आपलेस्तरावर टिम तयार करावी. सदर टिम मध्ये एक लस टोचक, ऑनलाईन व्हेरीफायर व लस उपलब्ध ठेवावी व संबंधित कॉलेजचे प्राचार्य यांचेशी संपर्कात राहून मोहिम सकाळी ९.०० ते संध्या. ५.०० पर्यंत पुर्ण करावी. तसेच संबंधित कॉलेजचे प्राचार्य यांनी आपलेस्तरारून लसीकरणासाठी ३ रुम, टेबल खुर्च्या व रेजिस्ट्रेशन करणेसाठी ३ व्यक्ती व सर्व अधिकारी व कर्मचारी यांची चहा, नाष्ट्याची व्यवस्था करावी.

युवा स्वास्थ्य कोवीड लसीकरण मोहिम राबविणेसाठी काही अडचन आल्यास खालील अधिकारी यांचेशी संपर्क करावा.

- १) डॉ. प्रमोद म्हस्के - तालुका आरोग्य अधिकारी, राहाता - ९७६५२७३५७५
- २) प्रा. मते ए.बी. - नोडल ऑफिसर राहाता - ९७६७५३८८५६

तालुका आरोग्य अधिकारी  
पंचायत समिती, राहाता

प्रत कार्यवाहीसाठी



घटना व्यवस्थापक तथा  
( तहसिलदार राहाता.

- १) नोडल ऑफिसर तालुका राहाता.
- २) तालुका आरोग्य अधिकारी, पंचायत समिती राहाता.
- ३) प्राचार्य, सर्व महाविद्यालय, तालुका राहाता.
- ४) वैद्यकिय अधिकारक, ग्रामीण रुग्णालय राहाता/पुणतांबा/लोणी.
- ५) वैद्यकिय अधिकारी, प्रा.आ.केंद्र (सर्व) ता. राहाता.

प्रत माहितीसाठी सविनय सादर.

- १) मा. जिल्हाधिकारी, अहमदनगर.
- २) मा. उपविभागीय अधिकारी, शिर्डी भाग, शिर्डी.
- ३) मा. जिल्हा आरोग्य अधिकारी, अहमदनगर.

Sr.No	Vaccination Date	College Name	Telephone	Principal Name	Principa Mobile	PHC Name	Name of Medical Officer	Mobile Number	Taluka Supervisor	
1	26-10-2021	Pravara Gramin Shikshan Sanstha Pravara Rural College of Architecture Addr: Pravara Rural College of Architecture Tal: Rahta Dist: Ahmednagar Pincode: 413736	02422-274295	Rajeshwari Vishwanath Jagtap	9423580794	PHC Dadh	Dr. Shripad Maid	9822495814	Mr. Popat Deshmukh	70
2	26-10-2021	Pravara Rural Education Societys Padmashri Vikhe Patil College Of Arts, Science and Commerce Pravaranaagar Addr: A/P-Loni KD Tal: Rahta Dist: Ahmednagar Pincode: 413713	02422-273425	Pradeep Machindra Dighe	9423787415	RH Loni	Dr. Datta Jori	9822320673	Mr. Popat Deshmukh	70
3	26-10-2021	Shirdi Sai Rural Institute Arts Science and Commerce College Addr: At Pimplas Rahata Tal: Rahta Dist: Ahmednagar Pincode: 423107	02423-295488	Sanjay Vitthalrao Lahare	9890655249	PHC Dorhale	Dr. Pradnya Bhagat	9623443572	Mrs. Jyoti Kamble	70
4	26-10-2021	Pravara Gramin Shikshan Sanstha Arts Science and Commerce College Kolhar Addr: At. Po. Kolhar Ta. Rahata Dist. Ahmednagar Pin Code - 413710 Tal: Rahta Dist: Ahmednagar Pincode: 413710	02422-251669	Sopan Narayan Shingote	9881330838	PHC Kolhar	Dr. Sanjay Gholap	9822286080	Mr. Datta Dhavane	99
5	26-10-2021	Priyadarshini Gramin Mahila Mandal Loni Arts Commerce and Science College Addr: Post-Puntamba Tal: Rahta Dist: Ahmednagar Pincode: 413726	02423-274159	Amin Sayyadbhai Sayyad	9767424479	RH Puntamba	Dr. Kundan Gaikwad	9822174035	Mr. Sandip Gadhave	97
6	26-10-2021	Pravara Rural Education Society Pravaranagar Womens College of Home Science and BCA Loni Womens College of Home Science And BCA Addr: Loni Tal: Rahta Dist: Ahmednagar Pincode: 413713	02422-273989	Shashikant Baghunath Kuchekar	9822522004	PHC Astgaon	Dr. Ravindra Gorde	9822339119	Mr. Sachin Bankar	77
7	26-10-2021	SHRI SAIBABA SANSTHAN TRUST SHIRDI SHRI SAIBABA COLLEGESHIRDI Addr: Tal: Rahta Dist: Ahmednagar Pincode: 0	NULL	Vikas Mahadev Shivgaje	9422737236	RH Rahata	Dr. Gokul Ghogare	9822343332	Mr. Sandip Bhangardive	902
8	27-10-2021	Shri Sai Nirman Pratisthan Shri Sai Nirman Arts Comers and Science College Addr: NANDURKHI ROAD SHRI KRUSHNAGAR SHIRDI TAL RAHATA DIST AHMEDNAGAR Tal: Rahta Dist: Ahmednagar Pincode: 423109	7507969191	Sunita Genuji Atre	8975252842	RH Rahata	Dr. Gokul Ghogare	9822343332	Mr. Sandip Bhangardive	902
9	27-10-2021	Pravara Gramin Shikshan Sanstha Pravara rural College of education Addr: Post-Loni Tal: Rahta Dist: Ahmednagar Pincode: 413713	2422272081	Vidya Pandurang Waje	9423787401	PHC Kolhar	Dr. Sanjay Gholap	9822286080	Mr. Datta Dhavane	997
10	27-10-2021	Pravara Gramin Shikshan Sanstha Pravara College of Physical Education Pravaranaagar Addr: At/po- Loni Kd Tal: Rahta Dist: Ahmednagar Pincode: 413713	2422273192	Vijay Nanaheeb Ambre	9890188082	PHC Dadh	Dr. Shripad Maid	9822495814	Mr. Popat Deshmukh	702
11	27-10-2021	Pravara Gramin Shikshan Sanstha Pravara Rural Engineering College Addr: Post Loni Tal: Rahta Dist: Ahmednagar Pincode: 413736	2422273204	SANJAY MAHADEORAO GULHANE	9423787338	RH Loni	Dr. Datta Jori	9822320673	Mr. Popat Deshmukh	7020
12	27-10-2021	Gramodaya Gramodayas Shri Saibaba Institute of Engineering Research Allied Sciences Rahata Addr: Ap Pimplas Tal: Rahta Dist: Ahmednagar Pincode: 423107	2423204580	Mahesh Shivajirao Aher	7588169607	PHC Dorhale	Dr. Pradnya Bhagat	9623443572	Mrs. Jyoti Kamble	7030