



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

"NAAC REACCREDITED "B++" GRADE COLLEGE"

A/P/Tal-Rahata,

Dist.-Ahmednagar. (M.S.) 423107

Affiliated to Savitribai Phule Pune University, Pune

www.ascrahata.org



SELF STUDY REPORT-CYCLE 3
2018-2023

Criterion: VII
Institutional Values and Best Practices

Key Indicator: 7.1
Institutional Values and Social Responsibilities

Metric: 7.2.1 (Q₁M)

Describe two best practices successfully implemented by the institution as per NAAC format

Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
BENGALURU



Shirdi Sai Rural Institutes,
Arts, Science and Commerce College, Rahata

Tal- Rahata, Dist-Ahmednagar, Pin - 423107 (MS)
(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)
NAAC RE-ACCREDITED "B++" GRADE COLLEGE



Ref. : ASCCR /

Date

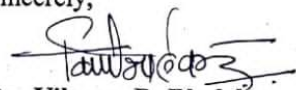
DECLARATION

We the undersigned, hereby declare that all information, reports, true copies of the supporting documents, and numerical data submitted by our institution for the purpose of NAAC accreditation have been thoroughly verified by the Internal Quality Assurance Cell (IQAC). We affirm that these submissions are accurate and correct as per our records.

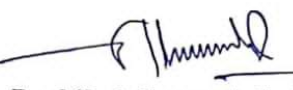
This declaration pertains specifically to the accreditation process for the third cycle of the institution, covering the period from 2018-19 to 2022-23.

Thank you.

Sincerely,


Dr. Vikram P. Bhalekar
Coordinator
Internal Quality Assurance Cell
Arts, Science and Commerce College, Rahata




Prof. (Dr.) Somnath S. Gholap
Principal
Arts, Science and Commerce College
Rahata, Tal-Rahata, Dist-Ahmednagar

Date-30/07/2024

Place- Rahata

Best Practice: I

Title of the Practice: Awareness and Distribution of Medicinal Plants

Aim: To encourage the use of natural remedies and engage the local community in the preservation and promotion of medicinal plants.

Objectives of the Practice:

The primary objectives of implementing the best practice are as follows:

1. To establish the herbal garden in the campus and educate society about the preservation and traditional applications of medicinal plants.
2. To preserve traditional knowledge of herbal medicine and encourage sustainable practices that benefit both people and the environment.
3. It also serves as a resource for students, Farmers, and others to learn how to recognize and protect these significant plants.
4. Popularization of importance and use of medicinal plants in the vicinity of Rahata tehsil.

Context:

The practice of maintaining an herbal garden is essential in preserving and promoting the use of medicinal plants. It serves as a valuable resource for researchers, healthcare professionals, and the villagers interested in herbal remedies. The context for implementing these best practices can vary, including educational institutions, botanical gardens, healthcare facilities and community-based initiatives.

The Practice:

- Institute conducted a survey from April 21-26, 2023, in 5 villages to assess the adoption of medicinal tree plantations by villagers. Inspired by the institution's activities, 45 out of 100 surveyed families had planted medicinal trees, such as Tulsi, Neem, Aloe-vera and Amla, for healthcare purposes. The survey confirms the institution's efforts have promoted sustainable healthcare practices in rural areas.
- Institute had organized “Medicinal Tree Plantation Program” on 17 April 2023 in the village Khadkewake, in which the local community were made aware about the importance of medicinal plants to maintain sustainable health, need of conservation and plantation of medicinal saplings.

A total of 09 students from botany department under the guidance of 04 staff members planted saplings of various medicinal plants.

- Institute conducts awareness campaigning on medicinal plants, particularly related to the conservation and use of the medicinal plants. In this context the institute in collaboration with Student Development Board had organized a Workshop on the conservation, cultivation, and enrichment of Medicinal Plants on the 4th March 2023. Dr. A. S. Wabale and Mr. D. N. Gholap guided students about the conservation and utilization of herbal Plants. Total 94 students were benefitted from the workshop and they awarded by medicinal plants for their home garden. Likewise, institute also organizes visits to the neighboring villages and aware the farmers and people about medicinal plants and their conservation.
- Institution's NSS camp was organized between 3rd January to 9th January 2023 in Ekrukhe. On 3rd January 2023, the NSS camp organized a lecture on "Medicinal Tree Plantation: Importance, Conservation, and Applications" by Dr. V.S. Patil from the Department of Botany, to create awareness among students and villagers about the importance of medicinal tree plantations, their conservation, and applications in daily life to maintain sustainable health.
- To showcase the importance of medicinal plants, promote awareness, and encourage their use in healthcare institution has organized "Medicinal Plants Exhibition" in *Nighoj* on 23 September 2022, in which 23 students from botany department participated. The event successfully reached out to 145 villagers, educating them about the benefits and uses of medicinal plants. The exhibition and awareness programs inspired the local community to adopt medicinal plants for healthcare purposes, promoting a healthier and more sustainable lifestyle. The institution's efforts contributed to the preservation and promotion of traditional knowledge about medicinal plants.
- The *Swarajya Mahotsav-2022* organized between 11 and 12 August 2022 in *Ekrukhe, Khadkewake Sakuri* and *Pimplas* was a successful initiative by the Department of Botany to empower villagers with the knowledge and resources to maintain their health and wellbeing through the use of medicinal plants. In which, 18 students from the Department distributed 200 medicinal plant saplings among villagers for plantation.
- The institution has organized visit to the neighboring village *Khadkewake* in the month of July and August 2023 and aware the farmers and local peoples about medicinal plants and their conservation. About 200 Saplings of the medicinal plants were distributed to 40 farmers for plantation.

- *Vanmahotsav- 2022* was organized between 7 and 8 January 2022, under which 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 *Gram panchayats* of respective villages. The traditional knowledge of medicinal plants was popularized 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.
- 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 *Aayush Aapke Dwar* under *Azadi ka Amrit Mahotsav* of distributing medicinal plants among the farmers on 3rd September 2021, under which about 550 medicinal plants were distributed to about 137 farmers.
- Our Institute is located on a vast, 21-acre campus, where many trees have been grown to provide the college with a lush canopy. In addition to having an eco-friendly campus, our institute successfully planted new saplings of about 80 herbs in our herbal garden for the finest practices for cultivating and maintaining a garden of medicinal plants for students and nearby farmers.
- To promote reforestation and conservation through seed ball cultivation and dispersal, the institution had organized seed ball activity on 20th July 2021 at *Adgaon* in which 04 staff members and 13 students from the department were participated.

Evidence of Success:

The success of implementing best practices in an herbal garden can be measured through various indicators, such as:

- ✓ Farmers planted medicinal plants in the vicinity of their houses, due to awareness programs.
- ✓ Institute successfully planted new saplings of about 80 herbs in our herbal garden for the finest practices for cultivating and maintaining a garden of medicinal plants for students and nearby farmers.
- ✓ Increase in awareness about medicinal plants among rural community members.
- ✓ The community is using *Tinospora cordifolia* (Gulvel) as immunity booster, *Justicia adhatoda* (Adulsa) leaves are used to control cough and throat infections. *Phyllanthus emblica* (Amla) is consumed which provides vitamin c, the boiled extract of Lemon grass, Ginger, Ocimum and Jaggery is used as an antipyretic.

Problems Encountered and Resources Required:

While implementing best practices in an herbal garden, some common challenges may arise, including:

- ✓ Limited availability of certain plant species like *Haritaki*, *Guduchi*, *Vasa*, *Sarpagandha* etc.
- ✓ Cultural and traditional beliefs conflicting with modern medicine.
- ✓ Engaging and involving local communities.

To overcome these challenges, the following resources are required:

- ✓ Expertise in horticulture and herbal medicine.
- ✓ Access to a wide variety of medicinal plant species.


IQAC, Co - ordinator
ASC College, Rahata


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


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

**ACTIVITIES CONDUCTED UNDER MEDICINAL PLANT
AWARENESS MISSION**

Sr. No.	Name of Activity	Date	Page No
1	Survey of medicinal tree plantation by villagers near their households	21/04/2023 To 26/04/2023	8
2	Medicinal Tree Plantation at Khadkewake	17/04/2023	14
3	Workshop on Conservation, Cultivation and Enrichment of Medicinal Plants	04/03/2023	17
4	Social Awareness Program	03/01/2023	21
5	Medicinal Plants Exhibition at Nighoj	23/09/2022	24
6	Medicinal Tree Plantation at Khadkewake	11/08/2022	27
7	<i>Swarajya Mahotsav- 2022</i>	11/08/2022 12/08/2022	29
8	Medicinal Tree Plantation in college campus	11/07/2022	32
9	Distribution of Medicinal Plants at Khadkewake	13/07/2022 22/08/2022	34
10	<i>Vanmahotsav-2022 (Pimplas, Sakuri, Ekrukhe, Khadkewake)</i>	7th to 8th Jan 2022	37
11	Medicinal Plant Distribution at Astagaon	08/01/2022	42
12	Aayush Aapke Dwar (Medicinal Plant Distribution)	03/09/2021	44
13	Herbal Garden	03/09/2021	50
14	Seed Ball Activity at Adgaon	20/07/2021	56

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

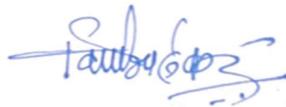
“Survey of medicinal tree plantation by villagers near their households”

Report


Department of Botany of Arts, Science, and Commerce College, Rahata organized “ Survey of medicinal tree plantation by villagers near households” between 21st to 26th April 2023 in Khadkewake, Pimplas, Sakuri, Ekrukhe and Astagaon. The main objective behind the survey was to verify the development of positive mindset among the villagers about the importance of medicinal plants in maintaining sustainable health care.

As a result of various awareness campaign's ,medicinal plant sapling plantation and distribution drives organized by department of Botany remarkable effects had been observed. A total of 100 households were surveyed across the five villages and 45% of households had medicinal trees planted near their houses. The most common medicinal trees found were Tulsi, Aloe-vera, Neem, and Amla, villagers use these trees for various purposes, including healthcare, cooking, and religious rituals. The survey revealed a strong correlation between the institution's faculty programs and the villagers' motivation to plant medicinal trees.

The survey highlights the success of the institution's faculty programs in inspiring villagers to plant medicinal trees. The findings will help the department to develop future programs and activities that promote medicinal tree plantations and support sustainable healthcare practices in rural areas. A total of 17 students and 4 staff members from department of Botany under the guidance of Prof. S. V. Lahare, Head department of Botany, took efforts to carry out this survey.


IQAC, Co - ordinator
ASC College, Rahata


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


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

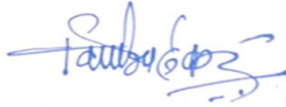
Photograph

Place: Khadkewake, Date: 21/04/2023




Medicinal sapling planted by villagers of Khadkewake near their household

Date of survey: 21/04/2023


IQAC, Co - ordinator
ASC College, Rahata


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


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




Photograph

Place: Pimplas, Date: 22/04/2023



Medicinal plant (Aloe-vera) planted by villagers of Pimplas near their household


IQAC, Co - ordinator
ASC College, Rahata


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


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




Photograph


Place: Sakuri, Date: 23/04/2023



Medicinal saplings planted by villagers of Sakuri near their households


IQAC, Co - ordinator
ASC College, Rahata


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


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



Photographs

Place:Ekrukhe, Date: 24/04/2023




Medicinal saplings planted by villagers of Ekrukhe near their households
Date of survey: 24/04/2023

Photograph


Place: Astagaon, Date: 26/04/2023



Medicinal saplings planted by villagers of Astagaon near their households


IQAC, Co - ordinator
ASC College, Rahata


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


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





Shirdi Sai Rural Institute's
Arts, Science and Commerce College, Rahata
Department of Botany
“Medicinal Tree Plantation”

Report

The Department of Botany at Arts, Science and Commerce College, Rahata organized a medicinal tree plantation event on 17 April 2023 in village Khadkewake. The primary objectives of this event were to promote environmental conservation and create awareness about the importance of medicinal Plants and their role in maintaining healthy life.

The event commenced with an inaugural ceremony, attended by faculty members, students, and local community members. The ceremony began with a prayer for the success of the plantation drive. The tree plantation event garnered enthusiastic participation from students, faculty, and members of the local community. The diverse group of participants reflected the collective commitment to health care sector.

The Department of Botany chose a various native and medicinal value adding species for plantation in the village Khadkewake. This selection aimed to restore the local health care and support the health maintenance of the village. Proper planting techniques were demonstrated, emphasizing the importance of ensuring the survival and growth of the newly planted saplings.

The tree plantation event organized by the Department of Botany at Arts, Science and Commerce College Rahata in Khadkewake was a resounding success. It brought together people from diverse backgrounds to contribute towards a greener and more sustainable health care practices.

The initiative not only helped in replenishing the local green cover but also raised awareness about the vital role of various herbal species in maintaining healthy life. A total of 3

staff members and 9 students from botany department participated and played important role to make this activity successful.


IQAC, Co - ordinator
ASC College, Rahata


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


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



Photographs



Inaugural for Tree Plantation at Khadakewake on 17/04/2023



Students planting trees at Khadakewake on 17/04/2023



Medicinal tree plantation at Khadkewake by villagers on 17/04/2022



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

**Department of Botany
In collaboration with
IQAC and Students Development Board, SPPU, Pune
Organized**

**“Workshop on Conservation, Cultivation and Enrichment of
Medicinal Plants”**

Report

Department of Botany of Shirdi Sai Rural Institute's Arts, Science and Commerce, Rahata in IQAC and Students Development Board, SPPU, Pune organized a **“Workshop on Conservation, Cultivation and Enrichment of Medicinal Plants”** on Saturday, 4 March 2023 for the students. The Chief Guest Dr. Anil Wable, Vice-Principal, PVP College, Pravaranagar, and Dr. Deepak Gholap, Vice-Principal, ACS College, Satral, President Prof. (Dr.) S.S. Gholap, Principal, and Prof. Anil Mate, Student Welfare Officer, etc. were present for the workshop. Prof. S. V. Lahare, vice-principal, Science Faculty introduced and welcomed the guest and gave brief notes about the program.

The Chief Guest Dr. Deepak Gholap explained the importance of medicinal plants from the point of view of medical science in day-to-day life. He said if the medicinal plants are conserved, it will benefit us in the future. The second chief guest Dr. Anil Wable first introduced medicinal plants and also informed the students how many medicinal plants are preserved at Kalsubai and Harishchandra Gad in Maharashtra. Adding to this he mentioned how today's, youths have low immunity, premature graying of hair, hair loss, various skin diseases, etc.

For this, the youth should increase the use of chemical-free herbs in their diet. Various types of dry fruits increase immunity, and intelligence and keep the body hydrated. The President Prof. (Dr.) S.S. Gholap assured that the medicinal plants are the need of an hour and its benefits must have reached the students through this workshop.

This initiative of Savitribai Phule Pune University, Pune is beneficial for students and therefore all students should conserve medicinal plant.

A total of 9 staff members participated in the workshop and 92 students benefitted from it.



IQAC, Co - ordinator
ASC College, Rahata



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



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



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

Photographs



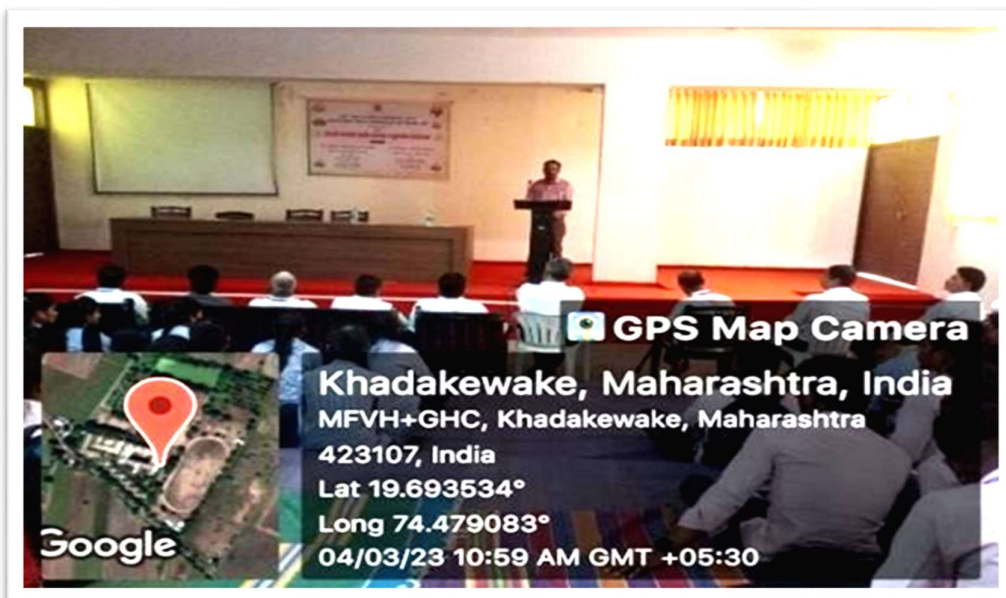
Inaugural Function of workshop Lamp lighting by guests Date:4/3/2023 Venue: Seminar Hall



Felicitatation og guests by offering medicinal plants

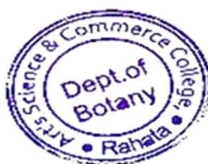


Dr. Dipak N. Gholap is delivering informative speech on Cultivation and applications of Medicinal Plants Date:4/3/2023 Venue: Seminar Hall



On the occasion of workshop, Dr. A.S. Wabale is guiding students about Conservation of Medicinal Plants Date:4/3/2023 Venue: Seminar Hall

[Signature]
HEAD
 Department Of Botany
 Art's Science & Commerce College
 Rahata.423107



[Signature]
 IQAC, Co - ordinator
 ASC College, Rahata

Social Awareness lecture
On
Conservation and Plantation of medicinal plants
Department of Botany
NSS Camp (03/01/2023 to 09/01/2023)


Arts, Science and Commerce college Rahata was organized NSS Camp at village, Ekrukhe , Tal. Rahata. This camp was organized during 3rd January, 2023 to 9th January, 2023. During this period various kinds of lectures were organized by the college for NSS Volunteer and also for the villagers for awareness to the different aspects. Department of botany was also participated in this awareness activity. Dr. V.S. Patil, Assistant professor, Department of botany delivered a lecture on “conservation and plantation of medicinal plants” to aware the students and villagers about the value of medicinal plants in their life.

She explained that medicinal plant is any plant which, in one or more of its organs, contains substances that can be used for therapeutic purposes or for the synthesis of useful drugs. She also stated that number of plants have been used in traditional medicine for many years. Some do seem to work although there may not be sufficient scientific data to confirm their efficacy. Such plants should qualify as medicinal plants. She also talks about the various kinds of medicinal plants which can be easily available in our household and their use to cure some infections. In short she gave the information about the different home remedies to cure the common infections and illness like cold, fever, constipation, cough, acidity etc.

Later on she talked about the conservation of these plants by planting those plants at their nearby area. Dr. M. N. Kharde, Director, SSRI, Dr. S. S. Gholap, Principal, A. S. C. College, Rahata, Prof. S. V. Lahare, Vice principal and HOD, botany department, Miss. R. D. Desai, Dr. S. R. Potdar, Dr. R. D. Kasar, Dr. R. N. Wakchaure were also present on this occasion.



Dr. V. S. Patil



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

Photographs



Dr. V. S. Patil guiding students on therapeutic uses of medicinal plants and need of conservation. Place-Ekrukhe, Date-03/01/2023

Dr. V. S. Patil

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


Photographs of medicinal tree plantation by students, Place- College Campus

Date- 08/04/2023



Medicinal Plants propagation in college campus by Students on 08/04/2023


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


IQAC, Co - ordinator
ASC College, Rahata


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





**Shirdi Sai Rural Institute's
Arts, Science and Commerce College, Rahata
Department of Botany
“Medicinal Plant Exhibition”**

Report


Department of Botany of Arts, Science and Commerce College, Rahata have organized **“Medicinal Plant Exhibition”** on **Friday 23rd September, 2022 in Nighoj** under the guidance of Hon. Director Dr. Mahesh Kharde and Hon. Principal Prof. Dr S.S. Gholap.


A medicinal plant is any plant which contains biochemical substances which can be used for beneficial purposes. The main objective of medicinal plant exhibition is to create awareness on the value of medicinal plants and to promote its cultivation and conservation. The main aim of the event was to highlight the creativeness among the students & others.

The Exhibition was chaired & inaugurate by the Dr. Digambar Mokat. In his presidential address he focused on the importance, conservation, and sustainable use of medicinal plants. In the exhibition students collected various kinds of medicinal plants. The students collected over 47 varieties of plants which are of medicinal importance. They presented the potted medicinal plants as well as described their medicinal values and uses. They told the importance of growing medicinal plants in the household area. Department of Botany is actively participated in the conservation and plantation program during the year to aware people and students about the value of medicinal plants. They provided useful information regarding the use, conservation, and plantation of the medicinal plants.

The main idea behind the exhibition was the vision of Head, Dept. of Botany Prof. S. V. Lahare to conserve nature and develop a complete knowledge about medicinal plants. He gave introductory speech and Dr. V. S. Patil introduced the President of the program.

The staff members and 23 students from botany department made efforts to make this exhibition successful. Total 145 participants visited in this Exhibition.


IQAC, Co - ordinator
ASC College, Rahata


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


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

Photographs



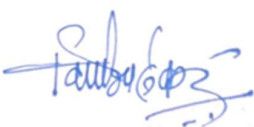
Head department of botany and other dignitaries at inaugural of exhibition



Dr Digambar Mokate explaining uses of various species to volunteers



Student of department explaining importance of herbal species to school students


 IQAC, Co - ordinator
 ASC College, Rahata


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


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





Shirdi Sai Rural Institute's

Arts, Science and Commerce College, Rahata

Department of Botany

“Medicinal Tree Plantation Program”

Report

A medicinal plant is any plant which, in one or more of its organs, contains substances that can be used for therapeutic purposes or which are precursors for the synthesis of useful drugs. This description makes it possible to distinguish between medicinal plants whose therapeutic properties and constituents have been established scientifically, and plants that are regarded as medicinal but which have not yet been subjected to a thorough scientific study.

A plantation program of medicinal plants was organized by the Department of Botany, Arts, Science and Commerce College, Rahata in the village Khadkewake on 11th August 2022. The students of Botany department along with faculty planted saplings of medicinal plants in college campus and in the village Khadkewake as an initiative to spread awareness about the importance of plantation, forest conservation and to save the environment. Our students also educated the people about the benefits of plants especially medicinal plants.

Department of Botany is actively participated in the conservation and plantation program during the year to aware people and students about the value of medicinal plants. They provided useful information regarding the use, conservation, and plantation of the medicinal plants. A total of 3 staff members and 30 students took efforts to make this program successful.


IQAC, Co - ordinator
ASC College, Rahata


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


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

Photograph




Plantation of Medicinal plants by students at Khadakewake on 11/08/2022



Students and Staff members participating in Medicinal tree plantation at Khadakewake on 11/08/2022


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




IQAC, Co - ordinator
ASC College, Rahata



**Shirdi Sai Rural Institute's
Arts, Science and Commerce College, Rahata
Celebrating
Silver Jubilee Year of Shirdi Sai Rural Institute
and
Swarajya Mahotsav- 2022
On this occasion
Department NCC and NSS
Jointly organized
“ZADE LAVA ZADE JAGVA ABHIYAN – 2022”
Date- 11th August, 2022 and 12th August, 2022**

REPORT

Department of NCC and NSS of Arts, Science and Commerce College, Rahata has been jointly organized “Zade Lava Zade Jagva Abhiyan 2022” on 11th August, 2022 and 12th August, 2022 under the guidance of Hon. Director Dr. Mahesh Kharde sir and Hon. Principal Prof. Sanjay Lahare Sir. This programme was organized for the reason that trees are very important in human life. We call the doctor who gives us oxygen for an hour as God and we do not value the trees which give us oxygen for the whole life. When we plant trees, greenery will spread around, pollution will be reduced, and air will be clean. Today the number of trees is decreasing due to which the balance of the environment is disturbed and its consequences are being suffered by man. So it is very important to plant trees and it is more important to take care of them. Even if one tree is planted from each house, there will be many trees. Planting and maintaining roadside trees will definitely benefit the travelers and also keep the environment under control. So keep those things in mind the said program was organized and planned to plant medicinal plants in nearby villages of Rahata Tahsil.

In this event we planted about 200 various kinds of plants with the help of our NCC Girls cadets, NSS volunteers and all teaching and non teaching staff of the college. Dr. V. S. Patil and Dr. S. R. Potdar have been taken efforts for the successful completion of the programme. Efforts have been taken to create awareness amongst the about tree plantation. So we aware them about all should plant trees. Trees are very important in human life. It is because of this that we get the oxygen we need. Also, the three basic needs of man are fulfilled from the tree, food, clothing and shelter. Tree is nature's gift to man. There is an unbreakable relationship between human life and trees. Trees are the beauty of nature. So we should preserve this beauty of nature and also enjoy it. For that we need to plant maximum number of trees.

List of the Plants used for plantation-

Sr.No.	Name of the plants	Number of Plants
1	Kanchan	40
2	Neem	40
3	Amla	40
4	Hirda	40
5	Karanj	40



[Signature]
HEAD
 Department Of Botany
 Art's Science & Commerce College
 Rahata.423107

[Signature]
 (Dr. V. S. Patil)

Photographs

Activity: Swarajya Mahotsav-2022

Date: 11/08/2022 and 12/08/2022



Tree Planataion at Ekrukhe on 11/08/2022



Tree Plantation at Khadakewake on 11/08/2022 and 12/08/2022

[Signature]
HEAD
Department Of Botany
Art's Science & Commerce College
Rahata.423107



[Signature]
IQAC, Co - ordinator
ASC College, Rahata



**Shirdi Sai Rural Institute's
Arts, Commerce and Science College, Rahata**

Department of Botany

“Medicinal Tree Plantation Program”


Report

Department of Botany of Arts, Science and Commerce College, Rahata have organized **“Medicinal Tree Plantation Program”** on 11th July, 2022 under the guidance of Hon. Director Dr. Mahesh Kharde and Hon. Principal Prof. Sanjay Lahare. This program is part of our continued efforts to take care of the human health and involve the students in herbal health care practices. Herbal species are of importance in improving health sector in a natural way.

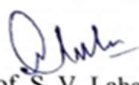
The goal of this medicinal tree plantation program is to make students aware of the importance and usages of local herbal species. By planting herbal species, we are making a long-term investment in a sustainable health care development.

The Department of Botany organized the medicinal tree plantation in college campus thereby spreading awareness among the students about the importance of herbal species in healthy life. By engaging in planting and caring for these trees, students develop a sense of environmental responsibility and cultivate sustainable practices. The presence of medicinal plants in campus provides natural remedies for common ailments, promoting overall student health and wellness. Total of 3 staff members and 26 NCC cadets took efforts to make this program successful.

Department of Botany is very thankful to Hon. Director Dr. Mahesh Kharde and Hon. Principal Prof. Sanjay Lahare for granting permission to this activity and providing necessary facilities to conduct this program.


IQAC, Co - ordinator
ASC College, Rahata


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


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

Photograph



Plantation of medicinal plants by students in college campus on 11/07/2022




HEAD
Department Of Botany
Arts, Science & Commerce College
Rahata.423107



**Shirdi Sai Rural Institute's
Arts, Science and Commerce College, Rahata**

Department of Botany

“Distribution of Medicinal Plants”


Report

Date-13 July and 22 August 2022

The Department of Botany initiated a program to distribute medicinal plants in various people as part of our promise to promoting environmental awareness and the significance of herbal remedies for health and wellness

Department of Botany Organized a medicinal plant distribution on 13th July 2022 and 22nd August 2022, under the guidance of Principal Prof. Sanjay Lahare. Medicinal plant distribution events were held at Khadkewake, involving participants including 17 students, 3 staff, and 40 peoples. The event focused on distributing plants such as Tulsi, Aloe Vera, and Adulsa, Neem and Arjun etc., These initiatives aimed to promote traditional healthcare practices, enhance local biodiversity, and raise awareness about the health benefits of medicinal plants.

Principal Prof. Sanjay Lahare provided valuable insights on the usage and care of these plants, ensuring that participants understood their importance and fostering a community-driven approach to sustainable health practices.


IQAC, Co - ordinator
ASC College, Rahata


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


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

Photographs



Distribution of medicinal plants among the farmers of Khadakewake Village on 13/07/2023



[Signature]
HEAD
Department Of Botany
Art's Science & Commerce College
Rahata.423107



Distribution of medicinal plants among the farmers of Khadakewake Village on 22/08/2022



[Signature]
HEAD
Department Of Botany
Art's Science & Commerce College
Rahata.423107



Shirdi Sai Rural Institute's
Arts, Science and Commerce College, Rahata
Department of Botany and Department of Geography
Organized
“VANMAHOTSAV- 2022”

Report

Department of Botany and Department of Geography of Arts, Science and Commerce college, Rahata have jointly organized *Vanmahotsav- 2022* on 7th and 8th January, 2022 under the guidance of Hon. Director Dr. Mahesh Kharde and Hon. Principal Prof. Sanjay Lahare. 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 urbanization and industrialization, more and more trees are cut down every day. Deforestation is an emerging concern and *Vanmahotsav* aims to conflict the environmental imbalance caused due to this action. So, the main aim of the program 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 *Vanmahotsav* aims to bring more and more people together to grow and save forests in the country. Therefore, we planted trees and celebrated *Vanmahotsav* on 7th January and 8th January, 2022 in nearby villages of Rahata tahsil.

In this event we planted various kinds of 500 plants with the help of our college, 15 students, and teachers Dr. Varsha Patil, Prof. C. M. Bansode, Miss. P. G. Bothe and Dr. S. R. Potdar have taken efforts for the successful completion of the program.

- 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, Co - ordinator
ASC College, Rahata



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

Photographs





Medicinal Tree Plantation in Khadkewake on 07/01/2022



Medicinal Tree Planation in Pimplas on 07/01/2022



Medicinal Tree Plantation in Sakuri on 08/01/2022



Medicinal Tree Planation in Ekarukhe on 08/01/2022



[Signature]
HEAD
 Department Of Botany
 Art's Science & Commerce College
 Rahata.423107



Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department of Botany

"Distribution of Medicinal Plants"

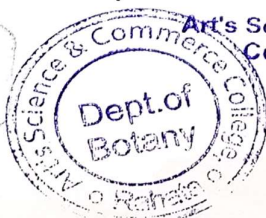
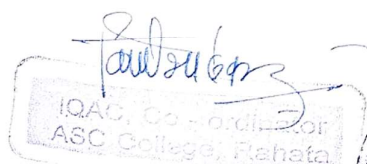
Date-08/01/2022

Report

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. These plants have been carefully selected for their proven ability to cure various ailments, and their easy availability in the local region.

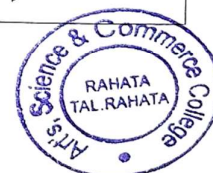
The department has also provided detailed information about the plants, including their scientific names, common names, and usage, to encourage the local communities to make use of them. The distribution of these medicinal plants is part of the department's larger goal of promoting sustainable healthcare 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 Bhausaheb Gode	Nirgudi	05	
3	Mahesh Vijay Kulkarni	Adulsa	05	Kulkarni M.J.
4	Akshay Samnath Landge	Nirgudi	05	
5	Akash Dilip Rokade	Arjuna	05	
6	Harikisan Trimbak Tarkase	Gulvel	05	
7	Madhar Nanasaheb Chalka	Adulsa	05	
8	Balasaheb Sahebrao Kapse	Nirgudi	05	
9	Chandrakant Vithal Lande	Gulvel	05	
10	Nitin Nirnuthi Londhe	Adulsa	05	



PRINCIPAL
Art's Science & Commerce
College, Rahata

HEAD



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

Photographs



Medicinal plant distribution at Astagaon on 08/01/2022



[Signature]
HEAD
 Department Of Botany
 Art's Science & Commerce College
 Rahata.423107

[Signature]
 IQAC, Co - ordinator
 ASC College, Rahata



Report on
Azadi Ka Amrit Mahotsav',
AYUSH APKE DWAR
“Distribution of Medicinal Plants Saplings program”


On the occasion of 'Azadi Ka Amrit Mahotsav', AYUSH APKE DWAR, a campaign by Ministry of AYUSH, Govt. of India- Regional Cum Facilitation Center, Western Region (RCFC-WR) and Savitribai Phule Pune University, Pune, Distribution of Medicinal Plants Saplings program was organized by Department of Botany and National Service Scheme of Arts, Science and Commerce College, Rahata, through online and offline mode on Friday 3rd September 2021 at 3:00 pm (IST).

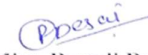
Main aim of the campaign was to create awareness among the people regarding the medicinal importance of the plants and cultivation practices. Hon'ble Shri. Radhakrushna Vikhe Patil, MLA and Ex-Minister, Govt. of Maharashtra, inaugurated the event. Dr. Mahesh Dale, Deputy Secretary, Ministry of Ayush, Dr. Arun Gurav- Assistant Director Incharge, Regional Ayurveda Research Institute, Ministry of AYUSH, Govt. of India, Prof. (Dr.) A. B. Ade, Head, Dept. of Botany, SPPU, Pune, Dr. Digambar N. Mokate, Associate Professor, Principal Investigator & Regional Director, RCFC-WR-NMPB, Ministry of AYUSH, Department of Botany, Savitribai Phule Pune University, Pune 411 007, Dr. Shivanand Hiremath, Additional CEO, Pravara Rural Education Society, Loni and Dr. Pradeep M. Dighe, Principal, Padmashri Vikhe Patil College of Arts, Science and College, Loni and Dr. M. N. Kharde, Director, Shirdi Sai Rural Institute, Adv. Raghunathrao Bothe Patil (Farmer Representative) were the Guest of Honour for the program. Farmers from nearby villages and the staff of ITI, International School and the college attended the function.

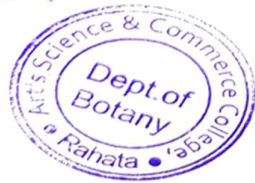
Mr. Sanjay V. Lahare, Principal, Arts, Science and Commerce College, Rahata gave the welcome speech followed by the introductory speech of Dr. D. N. Mokate. Hon'ble Shri. Radhakrushna Vikhe Patil, in his speech emphasized on the importance of research in the field of medicinal plants as an alternative medicine system. Medicinal plant saplings were distributed to the farmers by Hon'ble Shri. Radhakrushna Vikhe Patil sir. Dr. Mahesh Dale, Deputy Secretary, Ministry of Ayush addressed the audience virtually. Dr. N. S. Umarani, Pro-Vice Chancellor, SPPU


gave the presidential address. Dr. D. N. Dange delivered vote of thanks.


Prof. S. K. Dange
HEAD
Department of Botany
Art's Science & Commerce College
Rahata.423107


Dr. V. S. Patil
Department of Botany


Miss. Rupali Desai
Department of Botany




I/C Principal
Art's. Sci & Comm College
Rahata

Photographs



Address by Hon'ble Chief Guest Shri. Radhakrushna Vikhe Patil



Distribution of Medicinal Plant Sapling



Distribution of Medicinal Plant Sapling



Distribution of Medicinal Plant Sapling



Inaugural of AYUSH AAPKE DWAR Event



Distrubution of Medicinal Plant Saplings



Distrubution of Medicinal Plant Saplings



Distrubution of Medicinal Plant Saplings



Address by Hon'ble Chief Guest Shri. Radhakrushna Vikhe Patil,
Ex-Minister, Government of Maharashtra



पुणे आवृत्ती

जनप्रवास

मुंबई, पुणे, सोलापूर, कोल्हापूर, अहमदनगर येथील एकाच पेजी प्रतिलिप

प्रतिनिधी संदीप बाळक

9404288912

• रविवार, दि. १ सप्टेंबर २०२१ • वर्ष : ८ • अंक : ३५५ • पाने ८ • किंमत २ रुपये • www.janpravaslive.in / Email : dainikjanpravas@gmail.com

आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील

आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील



आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील

आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील

आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील

आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील

आयुष्य आपल्याद्वारा हा उपक्रम राबवण्यासाठी धोरणात्मक निर्णय घ्यावा : आ. बिखे पाटील



Signature

HEAD

Department Of Botany
Arts Science & Commerce College
Rahata.423107



Shirdi Sai Rural Institute's
Arts, Science and Commerce College, Rahata
Department of Botany
“Herbal Garden”

Report

An herbal garden is established by Department of Botany in the college campus. These plants are provided to farmers, who use them as hosts on their farmlands. The garden was inaugurated by Hon'ble Shri. Radhakrushna Vikhe Patil, MLA and Ex-Minister, Govt. of Maharashtra. Dr. Arun Gurav- Assistant Director Incharge, Regional Ayurveda Research Institute, Ministry of AYUSH, Govt. of India, the institution successfully inaugurated an herbal garden on 3rd September 2021. The herbal garden dedicated to cultivating a variety of medicinal plants. This initiative aimed to promote the use of natural remedies, educate students on the importance of medicinal plants, and contribute to the conservation of valuable plant species. The event was marked by the participation of 22 enthusiastic students and esteemed guests, including Hon'ble Dr. Radhakrushna Vikhe Patil (MLA and Ex-Minister, Govt. of Maharashtra.), who inaugurated the program.

Objectives

1. To establish a diverse herbal garden featuring a variety of medicinal plants.
2. To educate students about the benefits of Ayurvedic medicine and sustainable agriculture.

Mr. Sanjay Lahare, Principal introduced the guests and set the tone for the event, Hon'ble Radhakrushna Vikhe Patil delivered an insightful speech, emphasizing the importance of Ayurvedic medicine, especially during the pandemic. He highlighted how medicinal plants can boost immunity and serve as natural remedies for various ailments.

An informative session was conducted to educate students on the medicinal properties and benefits of the planted species. This session aimed to deepen their understanding of Ayurvedic

practices and the importance of preserving such plants. 22 students actively participated in planting a total of 80 medicinal plants in the herbal garden.

The plants included:

1. *Rita graveolens*
2. *Mimosa pudica*
3. *Hibiscus rosa-synensis*
4. *Tinospora cordifolia*
5. *Aloe vera* Linn.
6. *Nyctanthes arbortristis*
7. *Acacia catechu* Willd.
8. *Plumbago rosea* Linn
9. *Osimum* Sp.

Outcomes-

1. Successful Establishment of the Herbal Garden:

- A variety of 80 medicinal plants were successfully planted and are thriving in the garden, contributing to the biodiversity of our campus as mentioned in the Table.1.

2. Enhanced Student Awareness and Engagement:

- Students gained practical knowledge about medicinal plants and their uses, fostering a sense of responsibility towards environmental sustainability and natural health practices.

3. Community and Institutional Impact:

- The initiative highlighted the importance of Ayurvedic medicine and natural remedies, promoting a healthier lifestyle among the campus community.


Prof. K. K. Kare
 Head of Department
 Department of Botany
 Art's Science & Commerce College
 Rahata, 423107


Dr. V. S. Patil
 Department of Botany


Miss. Rupali Desai
 Department of Botany



1	<i>Gymnema sylvestres</i>	Gurmar	41	<i>Holarrhena antidysenterica</i>	Indrajar
2	<i>Adansonia digitata</i>	Baobab	42	<i>Nerium indicum</i> Mill.	Karavira
3	<i>Saraca indica</i> Linn.	Ashoka	43	<i>Vitex negundo</i> Linn.	Niroudi

4	<i>Annona muricata</i>	Soursop	44	<i>Mentha arvensis</i>	Pudina
5	<i>Spilanthes acmella</i> Murr.	Toothache Plant	45	<i>Caesalpinia bonducella</i> Fl.	Gray Nicker
6	<i>Mimusops elengi</i>	Spanish Cherry	46	<i>Vetiveria zizanioides</i> L.	Khus (Vala)
7	<i>Commiphora mukul</i> Hook	Guggul	47	<i>Lawsonia inermis</i>	Mehndi
8	<i>Chlorophytum borivillianum</i>	Musli	48	<i>Mimosa pudica</i>	Lajalu
9	<i>Myristica fragrans</i> Houtt.	Nutmeg	49	<i>Andrographis paniculata</i>	Bitter Weed
10	<i>Semecarpus anacardium</i> L.	Marking Nut	50	<i>Murraya Koenigii</i>	Curry Leaf
11	<i>Oroxylum indicum</i> Vent.	Tetu	51	<i>Cassia fistula</i> Linn.	Golden Shower
12	<i>Morinda citrifolia</i> Linn.	Indian Mulberry	52	<i>Bryophyllum pinnatum</i>	Panphuti
13	<i>Embelia ribes</i> Burm F.	Vidanga	53	<i>Manilkara hexandra</i>	Khirmi Tree
14	<i>Piper longum</i> Linn.	Pippali	54	<i>Bauhinia variegata</i>	Orchid
15	<i>Gmelina arborea</i> Linn.	White Teak	55	<i>Tinospora cordifolia</i>	Gulvel
16	<i>Bixa Orellana</i> Linn.	Shendri	56	<i>Aleo vera</i>	Koerpad
17	<i>Rauvolfia serpentina</i>	Sarpagandha	57	<i>Saraca asoca</i>	Ashoka
18	<i>Careya arborea</i> Roxb.	Wild Guava	58	<i>Bauhinia variegata</i>	Orchid
19	<i>Swietenia mahogoni</i>	Mahogany	59	<i>Curcuma longa</i> I	Turmeric
20	<i>Cordia Dichotoma</i>	Indian Cherry	60	<i>Cissus quadrangularis</i>	Veldt Grape
21	<i>Ruta graveolens</i> Linn.	Rue	61	<i>Mangifera indica</i> L.	Mango
22	<i>Acacia concinna</i> Dc	Shikakai	62	<i>Manilkara zapota</i>	Chikoo
23	<i>Terminalia chebula</i>	Haritaki	63	<i>Calotropis procera</i>	Rue
24	<i>Withania somnifera</i> Dunal	Ashwagandha	64	<i>Citrus limon</i>	Lemon
25	<i>Cissus quadrangularis</i>	Four-angle Vine	65	<i>Cymbopogon citratus</i>	Lemon Grass
26	<i>Garcinia indica</i>	Kokum	66	<i>Terminalia arjuna</i>	Arjuna
27	<i>Piper nigrum</i>	Black Pepper	67	<i>Saraca indica</i>	Ashoka
28	<i>Rita graveolens</i>	Rue	68	<i>Cocos nucifera</i>	Coconut
29	<i>Mimosa pudica</i>	Lajalu	69	<i>Leucas aspera</i>	Thumbai
30	<i>Caesulia oxillaris</i> roxb	Pink Node Flower	70	<i>Daturametel</i>	Dhotara
31	<i>Abrus precatorius</i> Linn.	Rosary Pea	71	<i>Annona reticulata</i>	Sitaphal
32	<i>Coleus aromaticus</i>	Spur Flower	72	<i>Syzygium aromaticum</i>	Clove
33	<i>Hibiscus rosa-synensis</i> L.	Jasund	73	<i>Cinnamomum tamala</i>	Tejpatta
34	<i>Tinospora cordifolia</i>	Guduchi	74	<i>Lawsonia inermis</i>	Mehndi
35	<i>Aloe vera</i> Linn.	Korpad	75	<i>Mussaenda erythrophylla</i>	Rakta Parni
36	<i>Nyctanthes arbortristis</i> L.	Parijatak	76	<i>Ficus benamina</i>	Ficus
37	<i>Acacia catechu</i> willd.	Kath	77	<i>Hevea brasiliensis</i>	Rubber Tree
38	<i>Plumbago rosea</i>	Lal Chitrak	78	<i>Garcinia indica</i>	Kokum


39	<i>Osimum Sp.</i>	Tulsi	79	<i>Passiflora caerulea.</i>	Krushna Kamal
40	<i>Eclipta alba Hassk.</i>	Maka	80	<i>Tamarindus indica</i>	Chincha



[Signature]
HEAD
 Department Of Botany
 Art's Science & Commerce College
 Rahata.423107

Photographs



Inaugural of Herbal Garden with auspicious hands of Hon'ble Shri Radhakrushna Vikhe Patil, Minister, Govt. of Maharashtra	Inaugural of Herbal Garden with auspicious hands of Guests of Honor
	
Plantation by Chief Guest and Guests of Honor	
	
Students with Hon'ble Shri Radhakrushna Vikhe Patil Sir	Faculty with Hon'ble Shri Radhakrushna Vikhe Patil Sir
	
Plantation by Chief Guest and Guests of Honor	
	
Plantation by Chief Guest and Guests of Honor	



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

Report on

“Seed Ball Activity”

On 20th July 2021, the department of Botany organized a Seed Ball Activity at Adgaon Village, involving the participation of 13 Second Year B.Sc. (S.Y. B.Sc.) students and staff members. This initiative aimed to promote reforestation, enhance biodiversity, and raise environmental awareness among the local community and students.

The native tree species like *African tulip* (flame of the forest), *Bauhinia variegata* (Kanchan), *Azadirachta indica* (Neem) etc. were selected for seed ball preparation to ensure compatibility with the local ecosystem. Areas in Adgaon Village that required reforestation were identified and marked. Participants travelled to Adgaon Village and dispersed the seed balls in the pre-selected areas. The seed balls were sown by scattering them across the targeted locations.

Approximately 100 seed balls were sown, which are expected to grow into healthy trees and plants, increasing the green cover in Adgaon Village. The introduction of plant species is expected to improve the local biodiversity, providing habitats for various wildlife species.

The excited participation of S.Y. B.Sc. students and staff members, along with the support of the local community, made this initiative successful and impactful.


IQAC, Co - ordinator
ASC College, Rahata


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


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

Photographs



Seed ball preparation and dispersion by student and staff at Adgaon on 20/07/2021.



[Signature]
HEAD
Department Of Botany
Art's Science & Commerce College
Rahata.423107