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PRINCIPAL

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Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

Empowered Autonomous Status

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

NAAC-SSR

Cycle IV

2019 - 2024

Criterion III: Research, Innovations and Extension

3.6.1 Outcomes of extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years
Q₁M

Case Study 3: Tree Counting Census Activity

The **Department of Environment and Climate Change** of the Government of Maharashtra, in collaboration with **Baramati Municipal Council** and **Tuljaram Chaturchand Arts, Science and Commerce College**, organized a tree-counting campaign as part of the 'My Earth' initiative. This campaign, conducted by the college's **National Service Scheme (NSS)**, **National Cadet Corps (NCC)**, and other student volunteers, aimed to assess the green cover within the **19 wards** of Baramati Municipal Council.

The campaign took place from **24th February 2020 to 21st March 2022**, with **26 groups** of 4 volunteers each, totaling **104 volunteers**. These volunteers worked on the field, conducting a physical count of trees within the limits of the Baramati Municipal Council. The town planning department provided **ward-wise maps and locations** to guide the volunteers, ensuring comprehensive coverage across all 19 wards.

This initiative contributed to better understanding of Baramati's urban greenery and promoted environmental awareness among students and the community.

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
(Autonomous)
NSS Department
Academic Year – 2022-23

NOTICE

Date: 10/03/2022

All the NSS Students are hereby informed that the department of NSS is going to organized **“Tree Counting Census”** on 15th March 2022. Students take the note of the same and accordingly participated in the same.



Programme Officer



Principal





MAJHI VASUNDHARA (MY EARTH)
Environment and Climate Change Department
Government of Maharashtra



MAJHI VASUNDHARA (MY) | MY ASHITKA | MY PLEDGE | MY PARTNER | MY CORPORATES | MY NON PROFIT | MY CURRICULUM



“ The earth, the air, the land and the water are not an inheritance from our forefathers but on loan from our children.

So, we have to handover to them at least as it was handed over to us. ”

- Mahatma Gandhi



Majhi Vasundhara Baramati Campaign



Tree Counting Report **Baramati Municipal Council** **and** **Tuljaram Chaturchand Arts,** **Science and Commerce** **College, Baramati**

NSS, NCC and Other students volunteers



Report on Tree Counting Census

Date:15/03/2022

India is a developing country; Maharashtra is a one of the leading states in this developing transformation. Considering the available population and their needs, various projects are underway to maintain optimal infrastructure to balance the demand and supply of daily needs, including construction of new roads or railways or widening of existing corridors, while various projects are underway to balance the environment also. As a part of it, the Department of Environment and Climate Change of the Government of Maharashtra is implementing an initiative called 'My Earth'.

The scheme is being implemented in Maharashtra with the aim of enabling the citizens to make conscious efforts for the betterment of the environment by educating the citizens about the effects of climate change and environmental problems and to enable them to make conscious efforts to improve the environment. As a part of this, with Baramati municipal council Tuljaram Chaturrachand Arts, Science and Commerce College's ,National Service Scheme, National Cadet Corps and other student volunteers of the college carried out tree counting campaign in '19 wards of Baramati Municipal council from 24th February 2020 to 21st March 2022..

According to the World Bank report, and as per government report the forest in India covers, the tree cover of the country is slightly increased. (2.85 percent) in 2017. More over As per report published by Government of India the total forest cover in India as per 2019 assessment In Maharashtra state all tree stands with canopy density over 10% [1].To validate current status of Trees located in the premises of Baramati Municipal Council, Baramati the Tree counting with Geo tagging campaign is carried out. To execute such campaign very first understand the definition of tree.

Moreover, those people who are going to count tree must be identify tree's classification and Categories. With this consideration, there is need to make Identification chart of trees.

Resources:

To execute tree counting campaign following resource collect.

1. Prepare an Identification chart of tree with the help of expert of Botany Department.
2. Conduct Physical training program of tree counting and geo tagging with the Environmental Science and Geography Department.
3. Baramati municipal Council arranged Measuring Tapes and other sources like Geo-tagging camera application etc for respective field work of tree census.

Physically (26) groups in which each group have 4 volunteers. so **total (104) volunteers worked on field** within the limit of 19 wards of Baramati municipal council area whose ward wise map and locations are provided by town planning department of BMC.

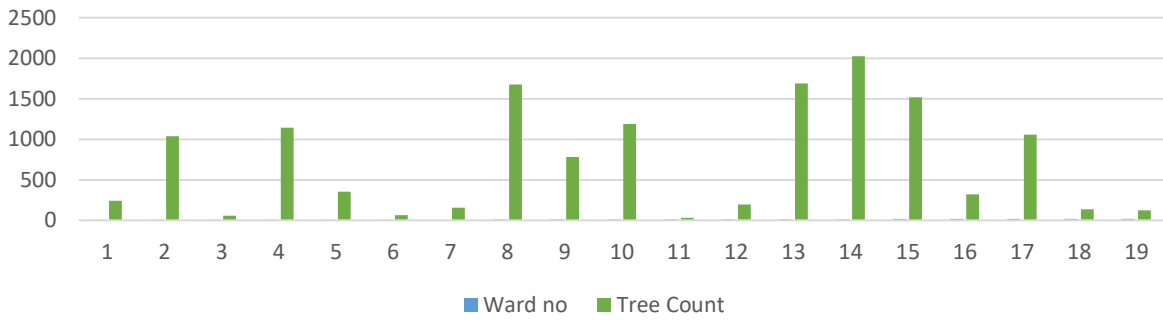
Total Population of Baramti (approximately) as per BMC : 16,0000

Tree ratio per population: 0.0.70767831 means near about Tree: Population (1:7)

There is need to rich (1:3) means 33



Tree ratio is Ward wise Tree count at Baramati Municipal Council Premises in 2022



Reference :

[1] Indian State of forest report 2019 (isfr-2019-vol-ii-maharashtra)

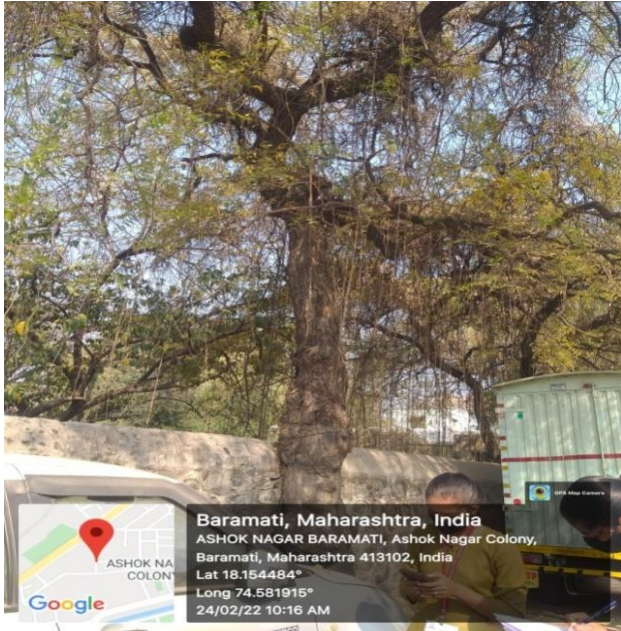
[2] Indian Express 21 march 2022 (<https://indianexpress.com/article/cities/pune/outbreak-set-to-stall-tree-plantation-in-maharashtra-6459296/>)

NSS Programme officer

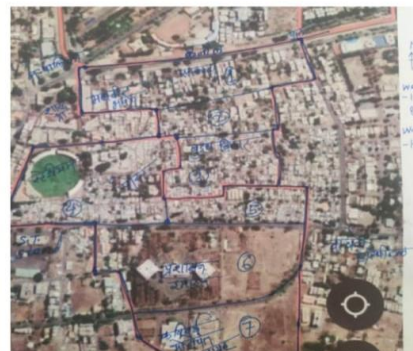


Principal
Tuljaram Chaturchand College
Baramati

different Types of tree measures by NSS Volunteers



Tree information taken in details by NSS Volunteers



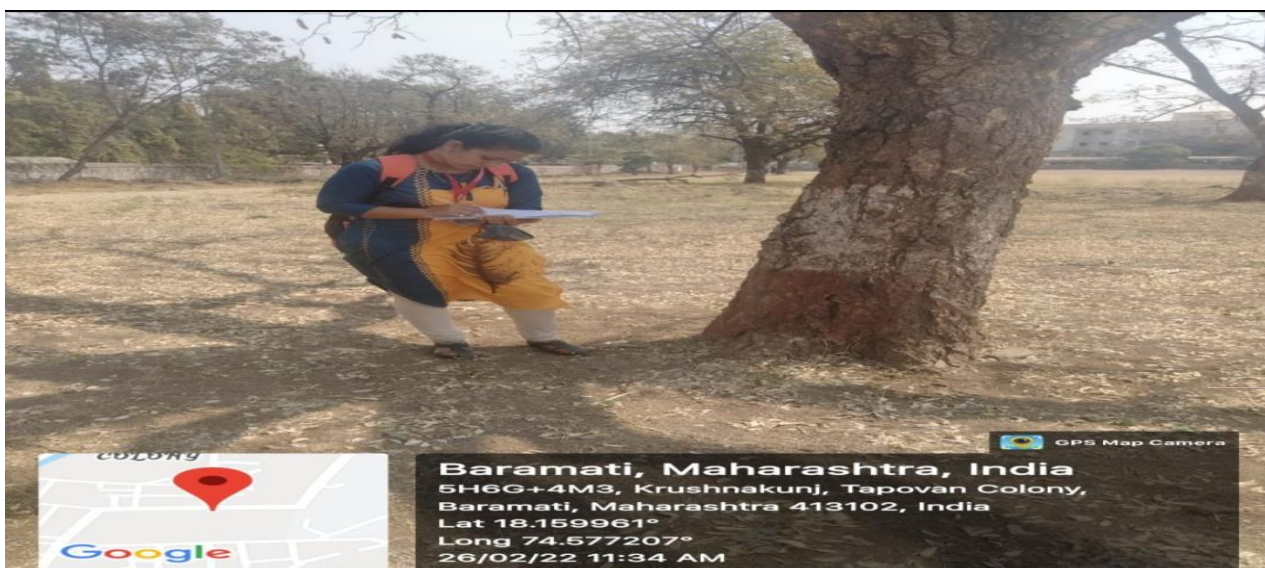
Dr. Vilas Kardile and Dr. Ajit Telave giving information to students for survey of tree counting



M. Sc II Botany Students taking measurements and details of trees



M. Sc II Botany Student Prajкта Gadhave noting details of observation of trees



Attendance of NSS Volunteers

DATE - 15-03-2022

Sr. No.	Name of Students	Signature
1	Kirte pravina Dattatraya	
2	Parwar Shamli Santosh	
3	Nanaware Nandini Prashant	
4	Wagh sonika satish	
5	Gurav Shradha Pandurang	
6	Nimbalkar Shamli Shrimant	
7	Waghmode madhuri Popat	
8	Gurav Shrawanee Pranjib	
9	Khartode Pragati Nana	
10	Khartode Neha Adhikar	
11	Kendre Gayatri Padmakar	
12	Pandhormise Rajnandini Kaka	
13	Khandagale Shingor Pandurang	
14	Salunke Prasad Anil	
15	Karche Anand Manumant	
16	Pise Kartik Keshav	
17	Sanchit Popat Mane	
18	Derode Rahem Wairath	
19	Shirde Pravin Navnath	P.N.S
20	Aditya Rajendra Salunke	
21	Vinod Santosh Pawar	
22	Samir Anil Karche	S.A.Kar
23	Amit Shivdasa Khartode	A.S.K
24	Wagh Shyam Luxman	
25	Kete Siddhant Dhehin	S.S.K.

NSS Programme Officer



Program Officer
 National Service Scheme (B-032)
 Tuljaram Chaturchand College
 Baramati

Sr. No.	Name of Students	Sign.
1.	S. Bansode	<u>S. Bansode</u>
2.	Kariche Anand Hanumant	<u>A. Kariche</u>
3	Pise Kartik Keshav	<u>P.K.K.</u>
4	Rohan Prithviraj Maheshkar	<u>Rohan</u>
5.	Rane Chavan Diksha Deepak	<u>Diksha</u>
6	Vikas Sikandar Pawar	<u>Vikas</u>
7.	Mithillesh Patankar	<u>Mithillesh</u>
8	Sakshi Maruti Raut	<u>Sakshi</u>
9	Shreyash Choudhar	<u>Shreyash</u>
10	Dix Dixga Bansode	<u>Dixga</u>
11	Londhe Prashant	<u>Prashant</u>
12	Mote Mote Saunabh	<u>Saunabh</u>
13	M. Mane Sneha Sunil	<u>Sneha</u>
14	Pawar Kedar Sharad	<u>Sharad</u>
15	Deshmukh Prasad Sanjay	<u>Prasad</u>
16	Bhong Suraj Santosh	<u>B.S.S.</u>
17	Bh Bankar Puj Bharat	<u>Puja</u>
18	Misal Pradnya Narayan	<u>Pradnya</u>
19	Phatre Shiraji Bhaskar	<u>Shiraji</u>
20	Parthkar Ruturaj	<u>Ruturaj</u>
21	Kare Rajeshri Dada	<u>Rajeshri</u>
22	Satar Kajal Satish	<u>Kajal</u>
23	Deshmukh Prasad Sanjay	<u>Prasad</u>
24	Yadav Ranjeet Sanjay	<u>Ranjeet</u>
25	Jadhav Nikita Manohar	<u>Nikita</u>
26	Ajay Ajay Padule	<u>Ajay</u>
27	Rajashi Kamble	<u>Rajashi</u>
28	Gauri Patole	<u>Gauri.P</u>
29	Rajveer Khore	<u>Rajveer</u>
30	Kare Yash	<u>Yash</u>
31	Kanchan Jagtap	<u>Kanchan.T</u>

