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**CONSOLIDATED REPORT OF TREE PLANTATION
INSIDE AND OUTSIDE OF CAMPUS**

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BRIEF REPORT ABOUT TREE PLANTATION ACTIVITY

Trees are playing an important role in an ecosystem by maintaining ecological balance and equilibrium. Trees hold soil in which they grow as a result of this fertile top layer of soil is held secure. Tree plantation is an important activity to make our environment and college campus green and clean and also beautify. Hence the Department of Botany, Department of NCC, Department of NSS and Cultural involve to take part in tree plantation programme in college campus as well as outside the campus. Due to which plantation increases in campus that creates a pure oxygen rich campus and consumption of CO₂. The campus has many varieties of plants such as wild plants, ornamental plants, potted plants, medicinal plants, climbers, woody climbers, herbs, and shrubs that create beauty of campus. The campus having diversity of plants like Neem, Sisam, Nilgiri, Babhul, Gulmohar, Chinch, Rubber tree, Kanchan, Phanus, Lokhandi, Kate savar, Nilinkoranti, Adhulsa, Bel, Parijatak, Kanher, Bamboo, Thuja, Royal Palm, Brimarika Palm, Fan Palm, Saptaparni, Bahava, Shatavari, Korpad, Kardali, Bahava, Shevaga, Coconut tree, Awala, Bottle brush, Boganvel, Vasanvel Gorkh chih etc.

The campus covers full of greenery by developing lawn patches in front of main building of college, science building with small herbaceous plants etc. Every year in the month of June-July the tree plantation programme was organized. In these activity students, teaching and non-teaching staff of college involve not only this our Hon. President Mansingh Pawaar and Hon.Principal and all directors also involve and supported to this activity.

Consolidated Report of Tree plantation inside and Outside of Campus

1) Introduction:

Plants performing very important role in an ecosystem which maintains the ecological balance. Plants are avoid soil erosion to hold the soil and they grow naturally. Trees play crucial role to our life. Trees gives us oxygen which we need to breathe and absorbs CO₂ from atmosphere, that's why it is very essential to save trees, increase plantation in campus etc. Trees are the natural habitats for many wildlife species that includes mammals, birds, reptiles and some insects. The plant has different parts such as root, stem, leaves, flowers, fruits and seeds are used as food for man and many herbivores.

The trees are also important because they give out oxygen and also use up carbon- dioxide in the process of carrying out photosynthesis. Thus trees provide us oxygen that we depend on to breathe and to live, trees are therefore important to maintain ecological balance and equilibrium. Thus department of Botany, NCC, and NSS jointly organizes the tree plantation programme in campus and outside the campus every year in the month of June-July rainy season. So as to increase number of plants in campus the campus area is full of free oxygen hence it is called as Oxygen Park.

2) Objectives: Every year plantation drive organized in the college campus as well as outside of campus by student's participation. Following are the objectives of the practice.

1. To create awareness among students about clean, safety environment.
2. To nurture culture and importance of plants to maintain balance in an ecosystem.
3. To imbibe environmental culture and social responsibilities.
4. To motivate students to participate in mega drive of plantation programme
5. To organize plantation rallies in village to create awareness and importance of plants.

Sr. No.	Year	Activity	Participation By	Number of students participated	Students and staff	Class
1	2016-17	Tree plantation in college campus 15 th July 2016	Students and staff	65	B.Sc.,BA and B.Com	
2	2017-18	15 th Aug 2017 Plantation in campus	NCC Students, Administration and Citizens	75	B.Sc, and M.Sc.	
3	2017-18	Environmental Tree plantation at KilleAntur Fort outside of campus on 19/08/2017	All students college and teaching and non-teaching staff	125	All students of UG and PG	
4	2018-19	Tree plantation in campus 4/07/2018	All students college and teaching and	120	BA,B.Com. and B.Sc.	

			non-teaching staff		
4	2018-19	Ambadi nursery Tree plantation outside of campus 4/01/2019	All students college and teaching staff	50	B.Sc.
5	2019-20	Tree plantation in campus jointly by the Department of Agriculture, forest and Department of Botany on 1/07 2019	All students college and teaching staff	75	Students, staff of college and Staff of Agriculture department, Forest department
6	2019-20	Tree plantation in Gautala sanctuary jointly by Department Forest and Department of Botany on 05/08 2019 on occasion of Vanyajiv saptah.	All students college, teaching staff and Forest department	70	Students, staff of college and Staff of Forest department
7	2020-21	Raised Potted plants in campus on 20 th July 2020	All students college and teaching and non-teaching staff	100	BA,B.Com ,B.Sc. and M.Sc., Teaching Staff and non-teaching staff
8	2021-22	Lawn development on 17/01/2022	Non teaching staff of college	50	Teaching Staff and non-teaching staff

3) Major Outcome: The event organizes every year in campus. Many students and staff participated in tree plantation programme as a result of this campus is known for Oxygen Park. The students of college adopted plants every year and look them after years to years by taking care of plants. The fruitful outcome is born the economical source from coconut trees, tamarind tree, Awala trees etc. The plants are survive in campus by the help of NSS, NCC students watering and fertilizer regularly given to them ultimately the campus rich in greenery.

4) Problems encounters and resources required: The campus covers 22 acres of area totally institute trying to green in campus. As there is shortage of water but college given priority to drip irrigation in campus to the plants, so as to overcome the problems. Due to the efforts of NCC students the many more plants are live and survive in campus near about more than thousands of plants are freely living.



A handwritten signature in blue ink, appearing to read "Shivaji".

Principal
Shivaji Arts, Commerce & Science,
College kannad, Dist. Aurangabad

Photographs of tree plantation activities from 2016-2022 (Pictorial Evidences)



Tree plantation programme in college campus on 15th July 2016



An environmental tour was organized at Kille Antur fort for tree plantation on 19 /08/2017.



An environmental tour was organized at Kille Antur fort for tree plantation on 19 /08/2017.



An environmental tour was organized at Kille Antur fort on 19 /08/2017.



Tree plantation at Kille Antur fort on 19/08/2017



Tree Plantation in pots for garden 4th July 2018



Dr. Anil Kshirsagar gives information to students about importance of tree plantation on 4th January 2019



Staff of Botany gives information to students about Nakshatra Rashi Garden. Outside of campus.



Tree plantation in college campus area by Hon. Principal Dr.V.N.Bhosale and staff

On dated 1st July 2019



Forest officer Shri sayyed, wild life conservator shri shinde and RFO shri shinde during Plantation in college campus 1st July 2019.



Forest officer and its staff at college campus for tree plantation on 1st July 2019.



Tree plantation by Dr.Kshirsagar, Dr.Gorade and students 1st July 2019.



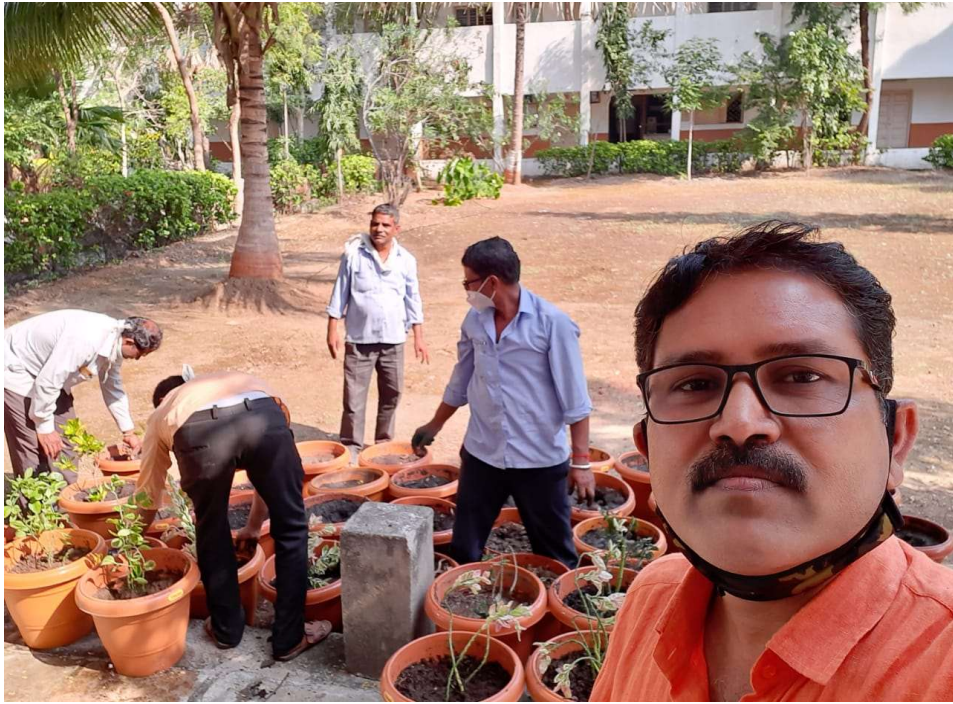
Tree plantation at Butterfly park of Gautala sanctuary by Botany staff and students on 5th Oct 2019



RFO Shri Shelke saheb felicitated Dr.Kshirsagar during Vanyajeev saptah programme at Gautala sanctuary Kannad on 5th Oct 2019



Tree plantation programme organized by Department of Botany and Department of forest jointly in presence of RFO Shri Shelke during Vanyajeev saptah programme at Gautala sanctuary Kannad on 5th Oct 2019



Ornamental plantation in pots 2020-21











Lawn development and potted plants 2021-2022







Nursery plant raised seeds in bags year 2021-22



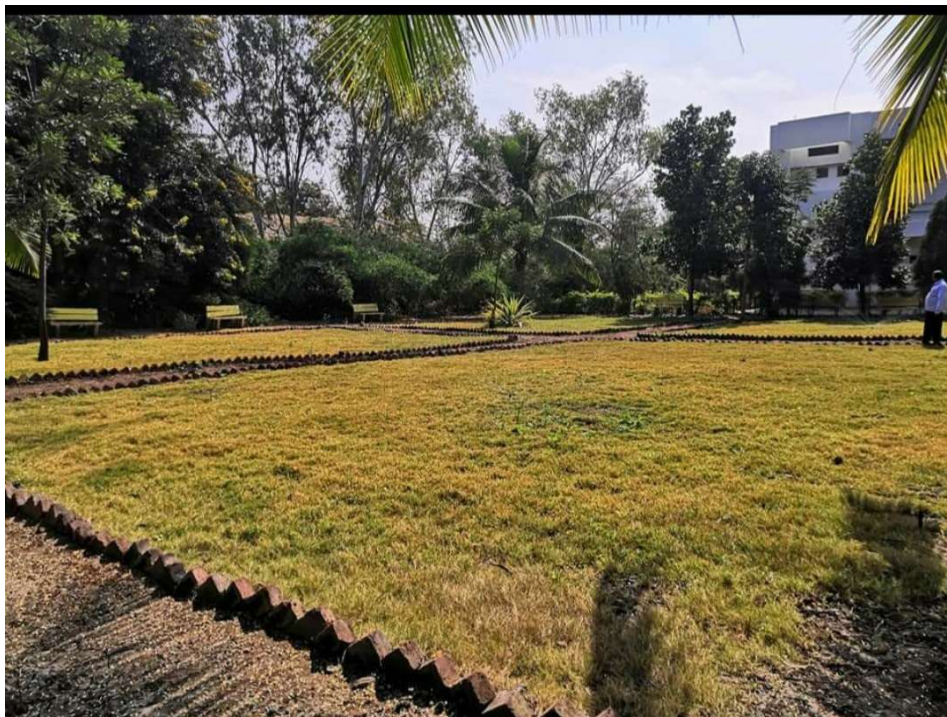


Patch of Aloe vera





Coconut plant patch



Lawn patches develops (year 2021-22)





Potted plants (Plantation 29/01/2022)



Potted plants (Plantation 29/01/2022)

