



Dnyandeep Shikshan Prasarak mandals

Dr. Khatri Mahavidyalaya, Tukum, Chandrapur

Late. Maladevi Nandkishor Khatri Library

Innovative Library Services

Title of the Practice: Innovative Library Services

1) Objectives of the Practice: The objective is to promote reading, knowledge, and education through book donations, which can help communities, instructors, and students alike.

2) Context

Book donations are crucial to the development of knowledge-based communities. Books are vital to all educational, informational, creative, and developmental processes. In addition, they are a vital instrument for fostering social and intercultural discussion as well as democracy. Books offer knowledge on a variety of topics, including industry, sports, education, economics, politics, and important local, national, and worldwide studies. The joy of reading, which fascinates millions of people of all ages every day, can only be found in books.

3) The Practice

On the occasion of the birthday, it was decided unanimously to donate the books to the library under the chairmanship of the honorable principal of the college. The choice of books to donate to the library is entirely voluntary for staff members, and anyone celebrating a birthday is welcome to do so. Books on competitive examination, science, technology, history, economics, and general topics are donated by teachers and supporting staff. This exercise helps students because it provides them with a variety of books for reading and preparation. This activity is distinct from the regular purchase of books for the library. Students are informed about books beyond their curriculum. They read books regularly and understand the essence of reading. The teacher always guides them in their selection of books.

4) Evidence of Success

Student feedback as an effective tool for achieving success in this activity

Session: 2025-2026

Sr. No.	No. of the Staff	No. of Books Donated	Price
01	25	99	28133

Photo Gallery

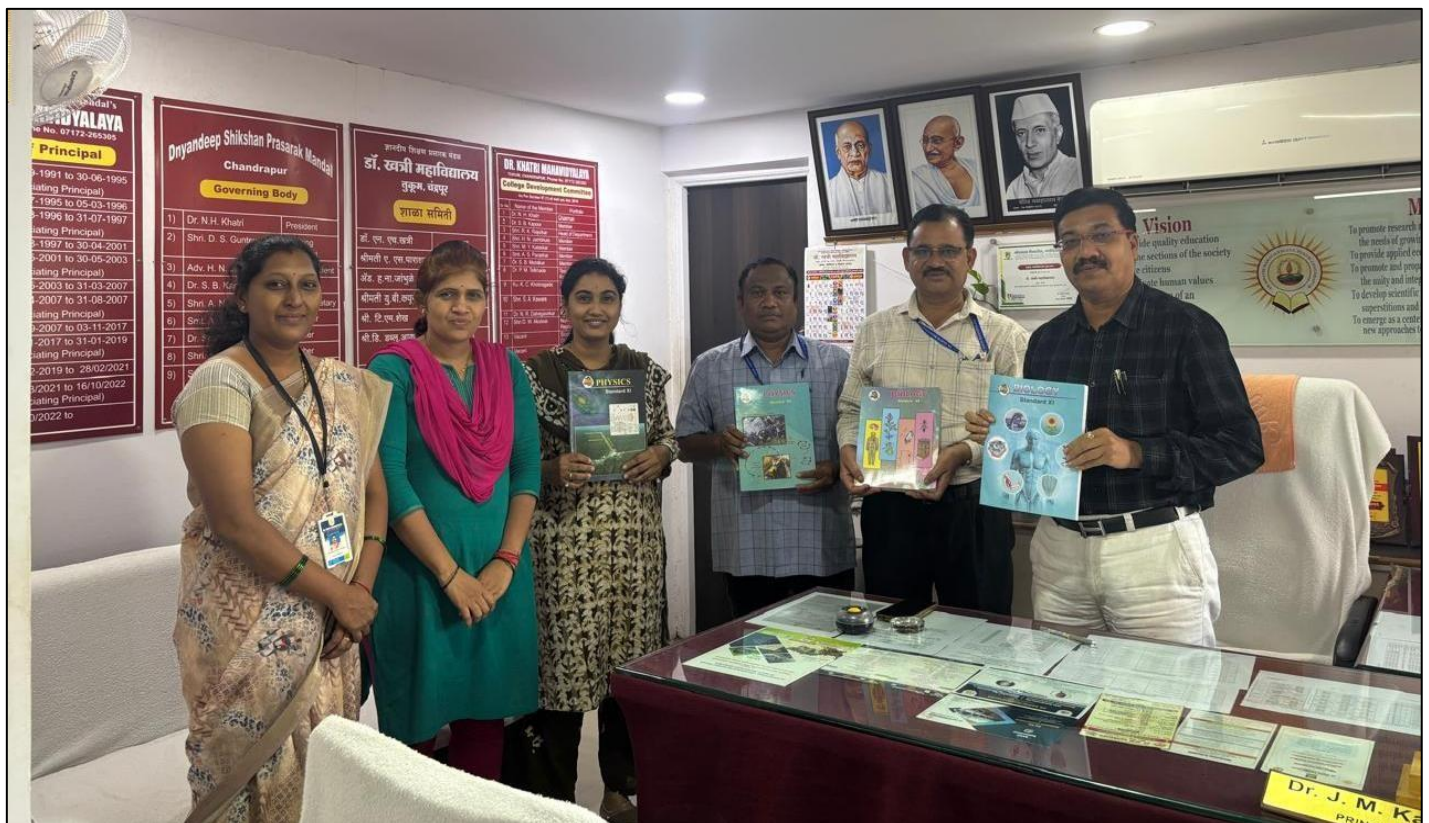


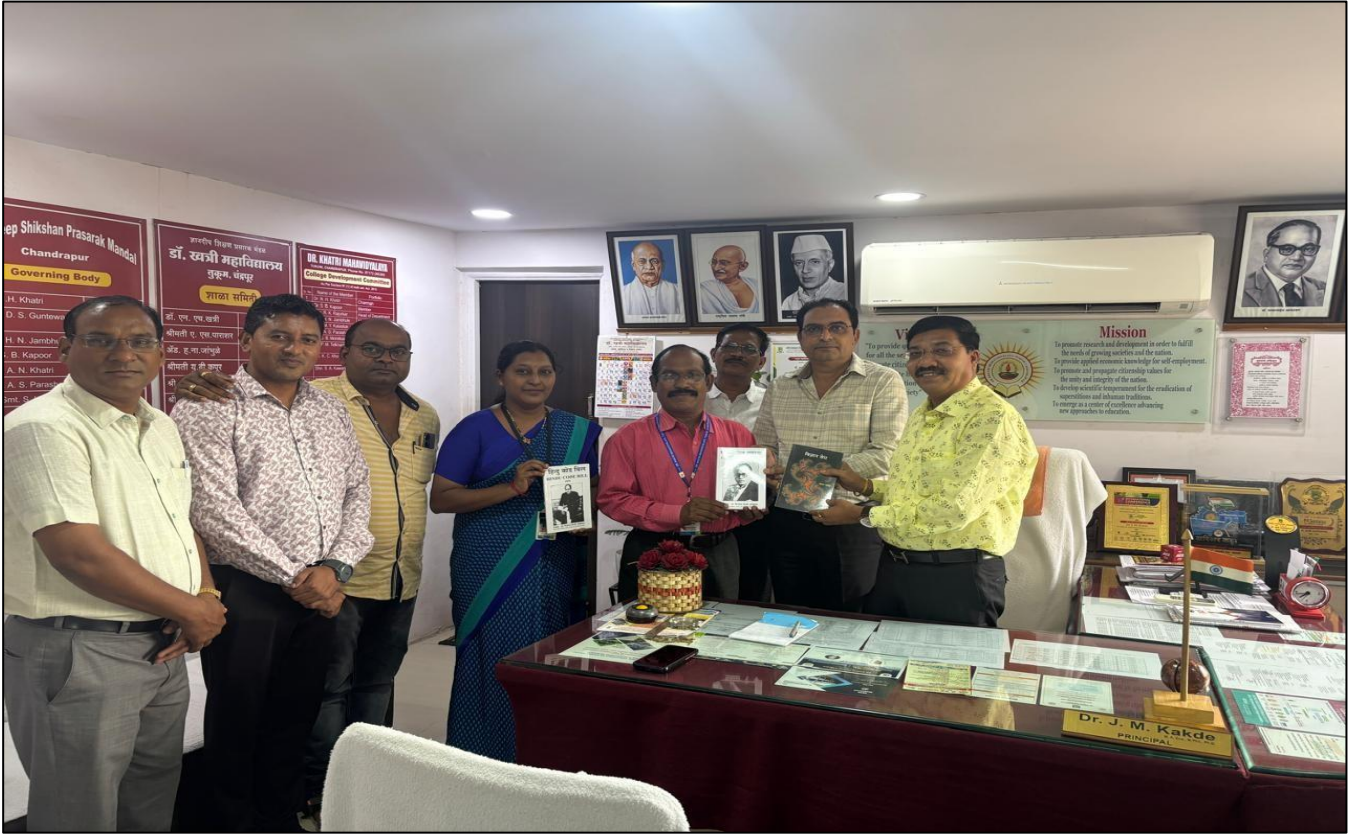














**शिक्षक व शिक्षकेतर कर्मचारी यांनी जन्मदिनानिमित्त ग्रंथालयाला
दिलेली सप्रेम भेट पुस्तके**

Sr. No.	Name of Doner	Quntity	Amount
1	Dr. J. M. Kakde	4	1250
2	Dr. R. M. Patil	4	328
3	Dr. P. M. Telkhede	13	2765
4	Smt. S. P. Raut	2	2389
5	Smt. Varsha Parve	2	340
6	Shri. Ajay Meshram	1	100
7	Smt. V. Y. Katkar	2	230
8	Shri. Jivandas Pimpalkar	1	350
9	Smt. U. H. Chambhare	5	670
10	Dr. S. B. Kapoor Sir	4	2250
11	Dr. T. M. Sheikh sir	3	3325
12	Ms. B. B. Tarafdar	5	1130
13	Prof. Sadalwar Madam	5	948
14	Dr. N. R. Dahegaonkar	3	340
15	Ms. R. L. Rohankar	2	378
16	Shri. C. N. Dongarwar	2	366
17	Dr. S. K. Gudhade	2	1140
18	Mr. V. S. Parashar	5	2305
19	Mr. M. A. Niranjane	2	500
20	Dr. J. S. Mohitkar	5	1390
21	Smt. A. A. Nagpure	3	560
22	Dr. R. S. Walke	5	1800
23	Shri. S. B. Lengule	5	1109
24	Dr. M. G. Thakare	4	370
25	Dr. P. R. Moharkar	10	1800
		99	28133

Best Practice

Estimation of biomass of trees

Preface: The most often produced greenhouse gas is carbon dioxide. The technique of removing and storing carbon dioxide from the atmosphere is known as carbon sequestration. It is one way to lessen atmospheric carbon dioxide in an effort to slow down the rate of climate change. Understanding ecological productivity, carbon sequestration, and sustainable resource management all depend on the measurement of biomass. Precise biomass evaluation helps measure the health of ecosystems, supports efforts for mitigating climate change, and offers insights into the availability of renewable resources.

1. Objectives of the Practice

Estimation of biomass of trees is a tool for getting information of growth contained within a single tree, a species, or a population. Based on the weight of the trees, the potential of trees to capture carbon dioxide can be assessed effectively. Estimation of biomass of trees is a routine practice of the college.

2. Context

Planting trees is important because to clean the air we breathe. Trees add beauty to their surroundings by greening and cooling the campus area. Estimation of biomass is the process of the measurement of total amount of organic matter present in a given ecosystem. Measurement of the tree trunk is the best practice to calculate weight, which further can be useful to calculate the carbon dioxide capturing capacity of the tree.

4. The practice

Ms. Shital Thakur, Ms. Roshni Jengathe, Mr. Chaitanya Patil, and Mr. Chetan Gawali of B.Sc. Semester VI carried out an exercise to estimate the basal area of trees on the college grounds. The measurements were then converted to tree biomass in tons. The trees' total capacity to store carbon was then calculated. This project is a significant step in the direction of the campus's green audit.

Estimation of biomass of trees is a unique practice for carbon sequestration

- a) Meeting of staff is the first step to take stock of trees on the campus
- b) Identification of trees with a girth more than 30 cm
- c) Counting all the trees at breast height
- d) Summarising all the data for final conclusion

5. Evidence of Success:

Such practice is significant for research in forestry for staff and students. People outside the campus can also be benefited from the aesthetics of the campus and fresh surrounding

6. Problem encountered

The unevenness of the tree trunk creates problems during the measurement

7. Resources required

Basic accessories such as measuring tape and calculators are required for the collection and analysis of the data.

