

Dr. D. Y. Patil Pratishthan's

## **Dr. D. Y. PATIL COLLEGE OF PHARMACY**

Dr. D. Y. Patil Educational Complex, Sector - 29, Pradhikaran, Akurdi, Pune 411 044.

Tel. : 020-27656141, Tel. Fax : 020-27656141

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Approved by : All India Council for Technical Education, New Delhi

Pharmacy Council of India, New Delhi. Recognized by : Government of Maharashtra

Affiliated to Savitribai Phule Pune University, Pune



**Dr. Sanjay D. Patil**  
President

**Padmashree Dr. D. Y. Patil**  
Founder

**Shri. Satej D. Patil**  
Vce-President & Chairman

**Dr. N. S. Vyawahare**  
Principal

**Ref. No. : DYPCOP/  
Date :**

**Environment & Sustainability**



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### 1.3: Curriculum Enrichment

#### 1.3.1 Professional Ethics, Human Values, Gender, Environment & Sustainability in Co-Curriculum & Extracurricular

##### Environment & Sustainability

Sr. No.	Guest Session/ Day Celebrations/ Institutional Committees
1.	<a href="#">Tree Plantation and cleanliness of the historical monument</a>
2.	<a href="#">Tree Plantation on Lohagad Fort</a>
3.	<a href="#">Placing coconut shell in garden</a>
4.	<a href="#">Ecofriendly and economic methods in various fields of Pharmacy utilizing hydrotropy, mixed hydrotropy and mixed solvency concept</a>
5.	<a href="#">Green Chemistry</a>

## Report on Tree plantation and cleanliness of the historical monument

**Name of the activity:** Tree plantation and cleanliness of the historical monument

**Venue:** Chikhalase village and Bedasa caves

**Date:** 30/01/2024 & 02/02/2024

**PO Mapping:** PO1, PO5, PO6, PO7, PO8, PO9, PO10, PO11

### Brief Report:

As an initiative for social work and under Savitribai Phule Pune University, Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune has organised NSS Winter camp at Chikhalse Village, Taluka Maval, Pune from 29/01/24 to 04/02/24. Under the NSS camp tree plantation and cleanliness campaign is held on 30<sup>th</sup> of January 2024.

The true meaning of life is to plant trees, under whose shade you do not expect to sit. For the sake of the environment tree plantation and their conservation is necessary.

Various plants like Banyan tree, Peepal, Gulmohar, Babool etc.were planted by students at cremation ground of Chikhalase village.

After that all NSS volunteers cleaned the ground of Zilla Parishad Primary school area and later planted trees. For this event Mrs. Anita mam (Principal of the ZP school), Mrs. Archana mam (teacher of ZP school), Mr. Sathe sir (teacher of ZP school) were present.

The another activity that is conservation and cleanliness of the historical monument activity is held on 2<sup>nd</sup> of February 2024. The volunteers visited Bedasa caves and cleaned the surrounding area and collected plastic waste of caves.



**Tree plantation and cleanliness campaign**

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**Conservation and cleanliness of the historical monument**

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**Activity: Tree Plantation on Lohagad Fort**

1	<b>Name of Activity</b>	Tree Plantation on Lohagad Fort
2	<b>Student coordinator</b>	Omkar Arjun Anandkar
3	<b>Total No. of participants</b>	15
4	<b>Total No. of Beneficiary</b>	<u>50</u>
5	<b>PO mapping</b>	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10, PO11
6	<b>Faculty Contributor</b>	<u>Mr .Mukesh Mohite, Ms. Dudhal Ankita</u>

“Heritages are the preserving of the past for the future”

A visit to Lohagad Fort on 10<sup>th</sup> of December 2023 executed by students of First year Pharm D under the Heritage club to recognize and reminisce the legacy and achievements of ancient Indian history. The students planted Neem, Tulsi and bale in surrounding of fort and motivate people to grow plants and conserve our environment.



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**Activity: Placing coconut shell in garden**

<b>1</b>	<b>Name of activity</b>	Placing coconut shell in garden
<b>2</b>	<b>Student Coordinator</b>	Mr. Omkar Anandkar Ms. Vaibhavi Khedekar
<b>3</b>	<b>Total no. of Participants</b>	20
<b>4</b>	<b>Total no. of Beneficiary</b>	100
<b>5</b>	<b>PO Mapping</b>	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10
<b>6</b>	<b>Faculty Contributor</b>	Dr. Revan Karodi, Dr. Shubhangi Jadhav, Ms. Kajal Bhagat.

F.Y. Pharm D students under green club took initiative to visit medicinal garden of Dr. D.Y patil college of pharmacy Akurdi, pune on 6<sup>th</sup> December 2024. Students place crafted coconut shell provides the perfect hollow space for placing treats bird's seeds.



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Akurdi, Pune-411044

Date: 21/5/2024

**NOTICE**

All the faculty members are hereby informed that a session with following details is arranged for you.

All are instructed to remain present for the same.

- 1 Name of Resource person: Dr. R.K. Maheshwari,
- 2 Designation: Ex- Professor and Head,  
Pharmacy Department,  
SGSITS,  
Indore
- 3 Topic : **Ecofriendly and economic methods in various fields of pharmacy utilizing hydrotropy, mixed hydrotropy and mixed solvency concept.**
- 4 Date and Time: 28<sup>th</sup> May 2024 at 11:00 am – 12:30 pm



*Dr. N. S. Vyawahare*

**Dr. N. S. Vyawahare**  
**PRINCIPAL**  
Dr. D. Y. Patil Pratishthan's  
Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411 044

*Rishward 5/24*

*Notice Regarding Session on Ecofriendly and economic methods in various fields of pharmacy utilizing hydrotropy, mixed hydrotropy and mixed solvency concept*

**Report on Ecofriendly and economic methods in various fields of pharmacy utilizing hydrotropy, mixed hydrotropy and mixed solvency concept**

**Date:** 28/05/2024

**Name of Speaker:** Dr. R. K. Maheshwari

**Designation:** Ex-Professor and Head Pharmacy Department, SGSITS, Indore

**Topic of Session:** Ecofriendly and economic methods in various fields of pharmacy utilizing hydrotropy, mixed hydrotropy and mixed solvency concept.

**PO Mapping:** PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10

The application of hydrotropy, mixed hydrotropy, and mixed solvency concepts in pharmacy represents a paradigm shift toward sustainable and economic drug development. These methods address solubility challenges as well as align with environmental and economic goals. By adopting these innovative approaches, the pharmaceutical industry can ensure the production of high-quality, affordable, and eco-friendly drug formulations. Dr. R. K. Maheshwari gave detailed information about concept of solvency using hydrotropy and mix hydrotropy. He also gave examples of various research works and how to implement green chemistry in testing of samples.

The session was very informative and interactive.



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**Report on Green Chemistry**

**Date:** 07/09/2023

**Attendees:**

**Name of Speaker:** Dr. Rakesh Somani

**Topic of session:** Green Chemistry

**Designation:** Associate Professor

**Organization:** D.Y. Patil University, School of Pharmacy, Navi Mumbai

**POs attained from the session:** PO2, PO5, PO6, PO8, PO9, PO11

The guest session on "Green Chemistry" provided participants with a thorough understanding of the principles and applications of sustainable chemistry practices. The session highlighted the importance of reducing environmental impact by designing chemical processes that minimize waste, energy consumption, and the use of hazardous substances. Attendees learned about the twelve principles of green chemistry, such as the use of renewable feedstocks and the design of safer chemicals. The session also explored real-world examples of green chemistry innovations in various industries, emphasizing their potential to drive both environmental and economic benefits. Overall, the session equipped participants with valuable knowledge on how green chemistry can be integrated into research and industrial practices to promote sustainability.



*Session delivered by Dr. Rakesh Somani on Green Chemistry on 07/09/2023*

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