



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.

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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 :

**1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year**

**1.3.3 Number of students undertaking project work/field work /Internship**

## B. Pharm Project work

Dr N S  
Vyawa  
hare

Digitally signed  
by Dr N S  
Vyawahare  
Date: 2025.01.14  
12:29:40 +0530

<b>Sr. No</b>	<b>Name of Student</b>	<b>Course</b>	<b>Work</b>
1.	<b>Abhay Laxman Chate</b>	B. Pharm	Project work
2.	<b>Abhijit Balasaheb Devkate</b>	B. Pharm	Project work
3.	<b>Abhishek Rajiv Wangwad</b>	B. Pharm	Project work
4.	<b>Abhishek Sasidharan Nair</b>	B. Pharm	Project work
5.	<b>Adil Issak Shaikh</b>	B. Pharm	Project work
6.	<b>Aditi Prakash Vedpathak</b>	B. Pharm	Project work
7.	<b>Aditya Navnath Shinde</b>	B. Pharm	Project work
8.	<b>Ajay Dharmendra Pawar</b>	B. Pharm	Project work
9.	<b>Akash Rambriksh Chaurasiya</b>	B. Pharm	Project work
10.	<b>Akshay Ashok Sarwade</b>	B. Pharm	Project work
11.	<b>Akshay Manikrao Patil</b>	B. Pharm	Project work
12.	<b>Akshay Raghunath Memane</b>	B. Pharm	Project work
13.	<b>Anand Anil Jadhav</b>	B. Pharm	Project work
14.	<b>Aniket Vinayak Magar</b>	B. Pharm	Project work
15.	<b>Anil Shankar Gore</b>	B. Pharm	Project work
16.	<b>Anoshri Sanjay Nampalliwar</b>	B. Pharm	Project work
17.	<b>Ashish Pravin Chavan</b>	B. Pharm	Project work
18.	<b>Bhagyashree H Patil</b>	B. Pharm	Project work
19.	<b>Bhavana B Choudhary</b>	B. Pharm	Project work
20.	<b>Bramhadev Tukaram Sunte</b>	B. Pharm	Project work
21.	<b>Chaitali Thaksen Parvat</b>	B. Pharm	Project work
22.	<b>Darshana Arjun Motwani</b>	B. Pharm	Project work
23.	<b>Dhruvkumar C Akbari</b>	B. Pharm	Project work
24.	<b>Diksha Ashok Sheregar</b>	B. Pharm	Project work
25.	<b>Divya Bharat Jadhavar</b>	B. Pharm	Project work
26.	<b>Divya Dadaso More</b>	B. Pharm	Project work
27.	<b>Divya Vijay Dhokle</b>	B. Pharm	Project work
28.	<b>Doulisa Amrit Jain</b>	B. Pharm	Project work
29.	<b>Gitanjali Satish Dudhe</b>	B. Pharm	Project work
30.	<b>Harsh Amit Mulay</b>	B. Pharm	Project work
31.	<b>Harshvardhan S Patil</b>	B. Pharm	Project work
32.	<b>Harshwardhan P Mane</b>	B. Pharm	Project work
33.	<b>Hrishikesh Gajanan Gawari</b>	B. Pharm	Project work
34.	<b>Jagruti Rubabsing Girase</b>	B. Pharm	Project work
35.	<b>Jagruti Sharad Narkhede</b>	B. Pharm	Project work
36.	<b>Joel Rathinaraj Nadar</b>	B. Pharm	Project work
37.	<b>Kartik Devidas Barge</b>	B. Pharm	Project work
38.	<b>Kaustubh Nandakishor Zanan</b>	B. Pharm	Project work
39.	<b>Krushna Raghunath Lad</b>	B. Pharm	Project work
40.	<b>Kshitij Shashikant Varat</b>	B. Pharm	Project work
41.	<b>Manoj Marotrao Shinde</b>	B. Pharm	Project work
42.	<b>Manthan Narayanrao Dhumale</b>	B. Pharm	Project work
43.	<b>Mayur Pandurang Shinde</b>	B. Pharm	Project work
44.	<b>Mayuri Hanamant Padwal</b>	B. Pharm	Project work

45.	<b>Mayuri Santosh Dhurve</b>	B. Pharm	Project work
46.	<b>Miten Waman Joshi</b>	B. Pharm	Project work
47.	<b>Mohit Malhari Gaikwad</b>	B. Pharm	Project work
48.	<b>Mrunmayee R Desai</b>	B. Pharm	Project work
49.	<b>Nagesh Balasaheb Dhuppe</b>	B. Pharm	Project work
50.	<b>Namrata Bhagwat Patil</b>	B. Pharm	Project work
51.	<b>Nikhil Santosh Ekhande</b>	B. Pharm	Project work
52.	<b>Pavan Anantrao Mule</b>	B. Pharm	Project work
53.	<b>Pooja Bhiku Chavan</b>	B. Pharm	Project work
54.	<b>Prachi C Khairwar</b>	B. Pharm	Project work
55.	<b>Prachi Shankar Gore</b>	B. Pharm	Project work
56.	<b>Pragati Subhash Gunjal</b>	B. Pharm	Project work
57.	<b>Prajwal Shivaji Modhave</b>	B. Pharm	Project work
58.	<b>Prajwal Subhash Chavan</b>	B. Pharm	Project work
59.	<b>Pranali Navnath Sabale</b>	B. Pharm	Project work
60.	<b>Pranjal Yogeshwar Dhake</b>	B. Pharm	Project work
61.	<b>Prasad Balasaheb khetmalis</b>	B. Pharm	Project work
62.	<b>Prasad Sham Pawar</b>	B. Pharm	Project work
63.	<b>Prathamesh Devidas Jadhav</b>	B. Pharm	Project work
64.	<b>Preeti Gorakh Gorde</b>	B. Pharm	Project work
65.	<b>Priya Vilas Khandekar</b>	B. Pharm	Project work
66.	<b>Purvaja L Deshpande</b>	B. Pharm	Project work
67.	<b>Pushpalata Sunil Jundale</b>	B. Pharm	Project work
68.	<b>Raj Shashikant Brahmankar</b>	B. Pharm	Project work
69.	<b>Rajas Sandeep Hogale</b>	B. Pharm	Project work
70.	<b>Renuka Girishrao Lolage</b>	B. Pharm	Project work
71.	<b>Rohit Ganesh Rathod</b>	B. Pharm	Project work
72.	<b>Rushikesh Balasaheb Patil</b>	B. Pharm	Project work
73.	<b>Rushikesh Ravindra Bele</b>	B. Pharm	Project work
74.	<b>Rushikesh S Pampatwar</b>	B. Pharm	Project work
75.	<b>Rutuja Dattatray Kale</b>	B. Pharm	Project work
76.	<b>Rutuja Dnyandeo Taral</b>	B. Pharm	Project work
77.	<b>Rutuja Sanjay Pawar</b>	B. Pharm	Project work
78.	<b>Saad Syed Quadri</b>	B. Pharm	Project work
79.	<b>Sagarika Pravin Gaikwad</b>	B. Pharm	Project work
80.	<b>Sahil Abdulrahaman Ujeda</b>	B. Pharm	Project work
81.	<b>Sakshi Satish Thorat</b>	B. Pharm	Project work
82.	<b>Samruddhi Bharat Ingale</b>	B. Pharm	Project work
83.	<b>Samruddhi C Talokar</b>	B. Pharm	Project work
84.	<b>Samruddhi Netaji Shinde</b>	B. Pharm	Project work
85.	<b>Satish Machchhindra Garje</b>	B. Pharm	Project work
86.	<b>Saurav Shankarrao Rathod</b>	B. Pharm	Project work
87.	<b>Sayali B Wategaonkar</b>	B. Pharm	Project work
88.	<b>Sejal Ganeshrao Khatavkar</b>	B. Pharm	Project work
89.	<b>Shivraj Deepak Jadhav</b>	B. Pharm	Project work

90.	<b>Shruti Manoj Toradmal</b>	B. Pharm	Project work
91.	<b>Shruti Santosh Kashid</b>	B. Pharm	Project work
92.	<b>Shubham Babasaheb Yadav</b>	B. Pharm	Project work
93.	<b>Shwet Yadavrao Balure</b>	B. Pharm	Project work
94.	<b>Shweta Sharad Aher</b>	B. Pharm	Project work
95.	<b>Siddharth Rajkumar Jaiswal</b>	B. Pharm	Project work
96.	<b>Sidheshwar Shivappa Korke</b>	B. Pharm	Project work
97.	<b>Sneha Shivkumar Landge</b>	B. Pharm	Project work
98.	<b>Snehal Ramesh Sawale</b>	B. Pharm	Project work
99.	<b>Sonali Ganesh Poojari</b>	B. Pharm	Project work
100.	<b>Sonali Uttam Bhosale</b>	B. Pharm	Project work
101.	<b>Suyog Sunil Shah</b>	B. Pharm	Project work
102.	<b>Tanmay Shrikrushna Thorat</b>	B. Pharm	Project work
103.	<b>Tanuja Shamrao Thete</b>	B. Pharm	Project work
104.	<b>Tejas Mahesh Karlekar</b>	B. Pharm	Project work
105.	<b>Tejasvini Vidyadhar Bagul</b>	B. Pharm	Project work
106.	<b>Tejaswini Hiranman Ahire</b>	B. Pharm	Project work
107.	<b>Tushar Rajendra Nandode</b>	B. Pharm	Project work
108.	<b>Ujwala Madhukar Pise</b>	B. Pharm	Project work
109.	<b>Vaibhavi Ajay Kulkarni</b>	B. Pharm	Project work
110.	<b>Vaishnavi Dinesh Ekhande</b>	B. Pharm	Project work
111.	<b>Varun Pandurang Patil</b>	B. Pharm	Project work
112.	<b>Vasundhara Vijaysinh Patil</b>	B. Pharm	Project work
113.	<b>Vedant Vinayak Mulange</b>	B. Pharm	Project work
114.	<b>Vedantika Ramesh Salunkhe</b>	B. Pharm	Project work
115.	<b>Vighnesha Sainath Gawari</b>	B. Pharm	Project work
116.	<b>Vijay Vilas Mule</b>	B. Pharm	Project work
117.	<b>Vinit Atul Patil</b>	B. Pharm	Project work
118.	<b>Vishal Shankar Pawar</b>	B. Pharm	Project work
119.	<b>Vishal Uttamrao Kendre</b>	B. Pharm	Project work
120.	<b>Yash Uday Kulkarni</b>	B. Pharm	Project work
121.	<b>Yashwant Balbhim Chavan</b>	B. Pharm	Project work
122.	<b>Yusuf Mohammed Khan</b>	B. Pharm	Project work
123.	<b>Yuthika Sudhir Ovhal</b>	B. Pharm	Project work

## Certificate



This is to certify that the work presented in this Project entitled  
**"3D Printing In pharmaceutical Industry"**

In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Mr. Abhay Laxman Chate** in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of **Dr. Ramesh G. Katedeshmukh**. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.

Date: 23/04/2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## Certificate



*This is to certify that the work presented in this Project entitled  
"3D Printing In pharmaceutical Industry"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Abhijit Devkate in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Dr. Ramesh G. Katedeshmukh. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

Date: 29/6/2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## CERTIFICATE



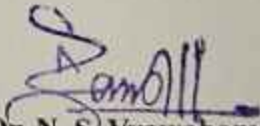
*This is to certify that the work presented in this project entitled  
"POLYCYSTIC OVARY SYNDROME : ESTROSTEP FE (northindrone  
acetate and ethinyl estradiol tablet)"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by **Mr. Adil Issak Shaikh** in Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044, under the guidance of Miss Ankita Dudhal. This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this dissertation.*

**Date:** 30-4-24.

**Place:** Pune



  
**Dr. N. S. Vyawahare**

**Principal  
Dr. D. Y. Patil College of  
Pharmacy,  
Akurdi, Pune-411044**



Dr. D. Y. Patil College of Pharmacy  
Dr. D. Y. Patil Educational Complex, Sector-29  
Pradhikaran, Akurdi, Pune-411044  
2022-2023

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

**“Herbal cream for the removal of stretch marks  
after pregnancy”**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Miss. Aditi Prakash Vedpathak in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Kalyani Chande, Assistant Professor of Pharmacognosy Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*



## Certificate



*This is to certify that the work presented in this project entitled*  
**“FORMULATION AND EVALUATION OF THE ANTI-  
CANCER DRUG FROM ‘Simarouba glauca.’”**

*In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribal Phule Pune University has been carried out by Mr. Akash Chaurasiya in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Dr. Smeeta Sadar. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 26/4/24

Place: pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil  
College of  
Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



This is to certify that the work presented in this dissertation entitled  
**"UNLOCKING THE ROLE OF PUNNICA GRANATUM PEEL IN  
ENHANCING FERTILITY"**

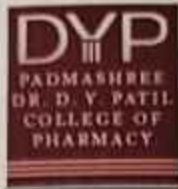
In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Mr. Aniket Magar** in Dr.D.Y.Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of **Dr. Ashish Chimbalkar** This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.

Date: 29/06/21  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## **CERTIFICATE**



*This is to certify that the work presented in this project entitled*  
**THERAPEUTIC POTENTIAL OF HYPERICUM**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Akshay Ashok Sarwade in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Dr. Smeeta Sadar, Professor of Pharmacology Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

**Date:** 26/04/2024

**Place:** Pune



**Dr. N. S. Vyawahare**

**Principal**

**Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044**

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled  
A survey to assess the patterns of prescription and utilization of anti-diabetic  
drugs by doctors in the management of diabetes mellitus  
In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of  
pharmaceutical sciences, Savitribai Phule Pune University has been carried out  
by Mr. Akshay Manikrao Patil in Dr. D. Y. Patil College of Pharmacy, Akurdi,  
Pune-411044, under the guidance of Mrs. J. R. Chopade. This report is now  
ready for examination. Materials and services obtained from various sources  
have been acknowledged in this dissertation.*

## CERTIFICATE



This is to certify that the work presented in this Project entitled  
*"Unravelling the Mind: A Comprehensive Review of Alzheimer's  
Disease"*

In the partial fulfillment of Degree of *Bachelor of Pharmacy* in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by *Mr. Anand Anil Jadhav* in Dr.D.Y.Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of *Dr.Ashish  
Chimbalkar*. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in this  
Project.

Date: 23/04/2024  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*  
**“Survey on Contraceptives”**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Anoshri Nampalliwar in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Priyatama Powar. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 15<sup>th</sup> April 2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr.D.Y.Patil College of Pharmacy,  
Akurdi, Pune-411044

## Certificate



This is to certify that the work presented in this project entitled  
**"FORMULATION AND EVALUATION OF CORIANDER LIPOSOMAL  
APRICOT HERBAL FACE SERUM."**

In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of Pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Ashish P. Chavan in the laboratories (For Research Projects) / library (For review type projects) / Vicinity (For survey) of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under my guidance and to my satisfaction. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.

Date: 26/4/24  
Place: Pune

A handwritten signature in black ink, appearing to be 'Priyatama'.

Research Guide  
Mrs. priyatama powar  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



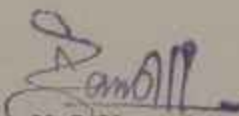
*This is to certify that the work presented in this dissertation entitled*  
**RECENT THERAPEUTIC APPROACHES IN  
TREATMENT OF AMYOTROPHIC LATERAL  
SCLEROSIS**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of  
pharmaceutical sciences, Savitribai Phule Pune University has been carried  
out by Ms. Bhavana B Choudhary in Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044, under the guidance of Ms. Priyatama Powar This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this dissertation.*



Date: 26/04/2024

Place: Pune

  
Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044



## Certificate



*This is to certify that the work presented in this dissertation entitled  
"Formulation and Development of Nasal Drop containing Ethanolic  
Extract of roots of Valeriana wallichii for Anxiolytic activity"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of Pharmaceutical Science, Savitribai Phule Pune University  
has been carried out by Mr. Bramhadev Sunte in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms.  
Tejashree Deokule. This report is now ready for examination. Materials  
and services obtained from various sources have been acknowledged  
in this dissertation.*

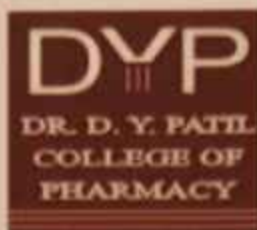
Date: 26/09/2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*  
**AVAILING METABOLOMICS IN DISCOVERY OF ANTICANCER  
EFFECTIVE HERBAL PHYTOCHEMICALS**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of  
Pharmaceutical Sciences, Savitribai Phule Pune University has been carried  
out by Ms. Darshana A. Motwani in Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044, under the guidance of Ms. Tejashree Deokule This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this dissertation.*



Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

Date: 26/4/24

Place: Pune

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

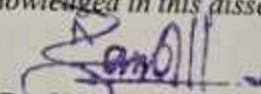
### **“CLINICAL PRESENTATION AND EVALUATION OF DERMATOMYOSITIS”**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmacology department, Savitribai Phule Pune University has been carried out by Miss Divya Dadaso More in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mr. Pavankumar Wankhade This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

**Date:** 26-4-24

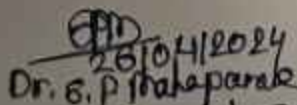
**Place:** Pune



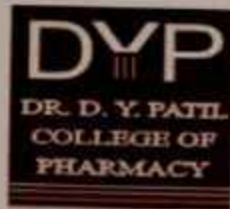
  
**Dr. N. S. Vyawahare**

**Principal**

**Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044**

  
26/04/2024  
**Dr. S. P. Mahapatra**  
**(External) Examiner**

# CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*  
**“POLYHERBAL FORMULATION AND IN- VITRO EVALUATION  
FOR ITS ANTI- ASTHMATIC ACTIVITY.”**

*In the partial fulfilment of Degree of Bachelor of Pharmacy in, Savitribai Phule  
Pune University has been carried out by **Miss. Doulisha Anrit Jain** in the  
laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under  
the guidance of **Mr. Pavankumar P. Wankhade**, Assistant Professor of  
Pharmacology Department. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in this dissertation.*



**Date:** 26-09-2024  
**Place:** Pune

**Dr. N. S. Vyawahare**  
Principal  
Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044.

*SPD*  
*26/9/2024*  
*Dr. S. P. Mahapatra*  
*External Examiner*

*P. Wankhade*  
*26.09.2024*  
*Mr. P. P. Wankhade*  
*Internal Examiner*

## CERTIFICATE



This is to certify that the work presented in the thesis entitled, "Recent treatment of rheumatoid arthritis" submitted by Dhruv Akbari in the partial fulfilment of Degree of bachelor in pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University was carried out by him in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune -411044, under the guidance of Dr. Sarika Nikam in Department of Pharmaceutics

Date: 03/5/24

Place: Pune



Dr. N. S. Vyawahare

Principal

Dr. D. Y. Patil College of Pharmacy,

Akurdi, Pune- 411044

## CERTIFICATE



This is to certify that the work presented in the thesis entitled, "The impact of air pollution on respiratory diseases" submitted by Diksha Ashok Sheregar in the partial fulfilment of Degree of bachelor in pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University was carried out by him in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune -411044, under the guidance of Dr. Sarika Nikam in Department of Pharmaceutics

Date:

Place: Pune



Dr. N. S. Vyawahare

Principal

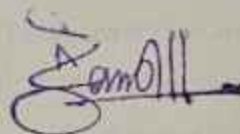
Dr. D. Y. Patil College of Pharmacy,

Akurdi, Pune- 411044

## CERTIFICATE



This is to certify that the work presented in the thesis entitled, "Formulation and evaluation of herbal face scrub" submitted by Divya Bharat Jadhavar in the partial fulfilment of Degree of bachelor in pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University was carried out by him in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune -411044, under the guidance of Dr. Sarika Nikam in Department of Pharmaceutics



Dr. N. S. Vyawahare

Principal

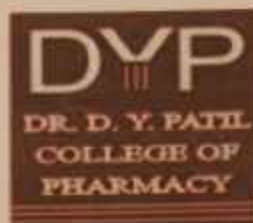
Dr. D. Y. Patil College of Pharmacy,

Akurdi, Pune- 411044

Date: 3 May 2024

Place: Pune

## CERTIFICATE



*This is to certify that the work presented in this project entitled*  
**"COUGH SYRUP TRAGEDY"**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Hrishikesh Gawari in Dr.D.Y.Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pallavi Gholap This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*



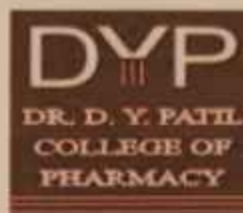
Date: 25/04/2024  
Place: Pune

Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044



## CERTIFICATE



This is to certify that the work presented in this project entitled  
**"NanoRevolution: Transforming Cancer Therapy through  
Nanotechnology"**

In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Mr. Harshwardhan Mane** in Dr.D.Y.Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of **Ms. Pallavi Gholap**. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.



Date: 25/04/24  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this Project entitled  
"ADENOID CYCTIC CARCINOMA"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Harshvardhan Patil in Dr.D.Y.Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pallavi Gholap. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*



Date: 25/04/2024  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



This is to certify that the work presented in this project entitled  
**STEM CELLS THERAPY IN AUTISM SPECTRUM DISORDERS**

In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Jagruti Girase** in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of **Ms. Pranita Shankaratti**. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.



Date: 26/4/24

Place: Pune

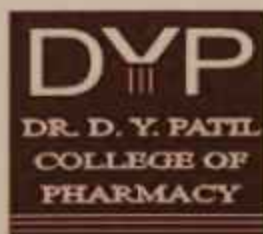
Examined

26/4/24  
Dr. S. Karanikar

Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

# CERTIFICATE



*This is to certify that the work presented in this project entitled*  
**Artificial Intelligence in Drug Discovery and Drug Designing**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Jagruti S. Narkhede in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Pranita Shanakaratti This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Principal

Dr. N. S. Vyawahare

Date: 26/04/24



Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

Place: Pune

Examined  
26/04/24  
Dr. R. J. Khande

## CERTIFICATE



*This is to certify that the work presented in this Project entitled  
" Exploring the Impact and Perceptions of E-Pharmacy and Telemedicine  
Services in Healthcare - A survey Based Review"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of Pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by **Mr. Joel Rathinaraj Nadar** in the laboratories of Dr. D.Y.  
Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of  
**Ms. Pranita S. Shankaratti**, Assistant Professor of Pharmaceutical  
Chemistry Department. This report is now ready for examination. Materials  
and services obtained from various sources have been acknowledged in this  
project.*

Date: 25/04/2024  
Place: Pune

Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044



Examined

26/4/24  
Dr. R. S. Kandi

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*  
**"FORMULATION AND CHARACTERIZATION OF POLYHERBAL  
TEA WITH EFFECTIVE ANTIOXIDANT AND ANTIDIABETIC  
PROPERTIES"**

*In the partial fulfilment of Degree of **Bachelor of Pharmacy** in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Mr. Kartik Devidas Barge in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Amruta  
Sapate This report is now ready for examination. Materials and services  
obtained from various sources have been acknowledged in this dissertation.*

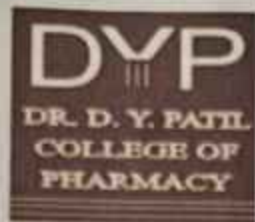
Date: 26/04/24

Place: pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil  
College of  
Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE

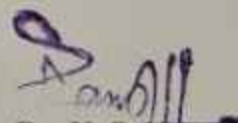


*This is to certify that the work presented in this Project entitled*  
*"Automation and Robotics in Pharmaceutical Industry"*

*The partial fulfillment of the Degree of Bachelor of Pharmacy in the Department of Pharmaceutical Science, Savitribai Phule Pune University has been carried out by Mr. Khan Mohammed Yusuf in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Ashwini M. Gavit, Lecturer. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

**Date:**  
**Place: Pune**



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

**Dr. D. Y. Patil College of Pharmacy,**  
**Akurdi, Pune-411044**

## CERTIFICATE



*This is to certify that the work presented in this project entitled*  
**"FORMULATION AND CHARACTERIZATION OF POLYHERBAL  
TEA WITH EFFECTIVE ANTIOXIDANT AND ANTIDIABETIC  
PROPERTIES"**

*In the partial fulfilment of Degree of **Bachelor of Pharmacy** in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Mr. Krushna Raghunath Lad in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Amruta  
Sapate This report is now ready for examination. Materials and services  
obtained from various sources have been acknowledged in this project.*

Date: 26/4/24

Place: pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil  
College of  
Pharmacy,  
Akurdi, Pune-411044



# CERTIFICATE



This is to certify that the work presented in this project entitled under  
"ASSESSING THE PROPERTIES OF A POLYHERBAL PREPARATION IN TRITON  
X100 INDUCED HYPERLIPIDEMIA IN RATS"

In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Mayuri Santosh Dhurve in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune 411044, under the guidance of Ms. Aishwarya Sambhaji Patil. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.

N. S. Vyawahare  
(Principal)

Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044

Date: 29/04/2024

Place: Pune



Examined

29/04/24  
Dr. R. J. Kandi

## Certificate



*This is to certify that the work presented in this dissertation entitled  
"Formulation And Evaluation of Herbal  
Syrup"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Mr. Mohit Malhari Gaikwad in Dr. D. Y.  
Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance  
of Mrs. Ankita Dudhal. This report is now ready for examination.  
Materials and services obtained from various sources have been  
acknowledged in this dissertation.*

**Date: 30.4.2024**  
**Place: Pune**



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

**Dr. D.Y. Patil College of Pharmacy,**  
**Akurdi, Pune- 411044**

## Certificate



*This is to certify that the work presented in this project entitled  
"Formulation and Evaluation of Herbal  
Syrup"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Mr Nagesh balasaheb dhuppe in the  
laboratories (For Research Projects) / library (For review type  
projects) / Vicinity (For survey) of Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under my guidance and to my  
satisfaction. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in  
this dissertation.*

**Date: 30.4.2024**

**Place: Pune**



**Mrs. Ankita Dudhal.**

**Research Guide**

**Dr. D.Y. Patil College of  
Pharmacy, Akurdi, Pune-411044**

## Certificate



*This is to certify that the work presented in this project entitled  
"Formulation And Evaluation of Herbal  
Syrup"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Ms. Namrata Patil in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs.  
Ankita Dudhal. This report is now ready for examination. Materials  
and services obtained from various sources have been acknowledged  
in this project.*

Date:  
Place: Pune



Dr. N.S. Vyawahare  
Principal  
Dr. D.Y. Patil College of pharmacy  
Akurdi, Pune- 411044

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

### **SJOGREN SYNDROME: AN AUTOIMMUNE DISEASE.**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Nikhil S. Ekhande in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Ankita Dudhal. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*



Date: 30/4/2024

Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



This is to certify that the work presented in this project entitled under  
"ASSESSING THE PROPERTIES OF A POLYHERBAL PREPARATION IN  
TRITON X100 INDUCED HYPERLIPIDEMIA IN RATS"

In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Miten Waman Joshi in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune 411044, under the guidance of Ms. Aishwarya Sambhaji Patil. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.

Date: 29/04/2024

Place: Pune

N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of  
Pharmacy, Akurdi.  
Pune-411044



Examined

Dr. J. Kandi

## Certificate



*This is to certify that the work presented in this dissertation entitled*

**ANCIENT MEDICINES USED AT THE TIME OF MAHABHARATA AND  
RAMAYANA (EG. SANJIVANI ) AND DEVELOPMENT IN MODERN  
TREATMENT MEDICINES**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of  
Pharmacology department, Savitribai Phule Pune University has been carried  
out by Mr. Pavan Anantrao Mule in the laboratories (For review type  
projects) of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under  
my guidance and to my satisfaction. This report is now ready for  
examination. Materials and services obtained from various sources have  
been acknowledged in this dissertation.*

Date:

Place: Pune

Akurdi, Pune-411044

*Gayatri*  
Miss. Gayatri Patil  
Research Guide

Dr. D. Y. Patil College of Pharmacy,

*external*  
*Kajal Bhagat*

## CERTIFICATE



*This is to certify that the work presented in this project entitled*

**“Cervical Cancer: An Unsung curse”**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmacology department, Savitribai Phule Pune University has been carried out by Miss. Pooja Bhika Chavan in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Miss. Gayatri Patil This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in the project.*

Date:

Place: Pune



*[Signature]*  
Dr. N. S. Vyawahare

Principal

Dr. D. Y. Patil College of Pharmacy,

Akurdi, Pune-411044



## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Formulation and Evaluation of De-tanning Polyherbal Facial Scrub"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Ms. Prachi S. Gore in Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044, under the guidance of Ms. Kalyani B. Sahare. This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this project.*



Date: 26/09/29  
Place: Pune

**Dr. N. S. Vyawahare**  
Principal  
Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044

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## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Formulation and Evaluation of De-tanning Polyherbal Facial Scrub"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Ms. Pragati S. Gunjal in Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044, under the guidance of Ms. Kalyani B. Sahare. This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this project.*



Date: 26/04/24  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044

## CERTIFICATE

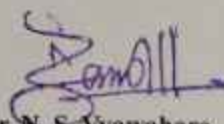


*This is to certify that the work presented in this dissertation entitled  
"Formulation and evaluation of Herbal Face Toner"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Prasad Khermalis & Mr. Prasad Pawar in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pooja Palanchikar. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 23/04/24  
Place: Pune




  
Dr. N. S. Vyawahare  
Principle

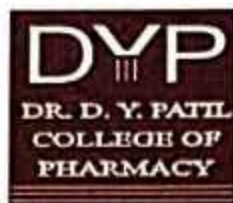
Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

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Examined

  
29/4/24  
Dr. Rajesh

## CERTIFICATE

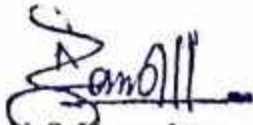


*This is to certify that the work presented in this project entitled  
"Formulation and Evaluation of De-tanning Polyherbal Facial Scrub"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Mr. Prajwal S. Chavan in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Kalyani B.  
Sahare. This report is now ready for examination. Materials and services  
obtained from various sources have been acknowledged in this project.*

Date: 26/11/2024  
Place: Pune



  
Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044

## Certificate



*This is to certify that the work presented in this project entitled  
"Formulation And Evaluation of Murraya koenigii  
Herbal Hair Serum"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by **Mr. Prajwal Modhave** in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of **Ms. Kalyani  
B.Sahare**. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in this  
project.*

Date: 26/11/24  
Place: Pune

Dr. N.S. Vyawahare  
Principal  
Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044



## CERTIFICATE



This is to certify that the work presented in this dissertation entitled  
**“FABRICATION AND CHARACTERIZATION OF CO-  
CRYSTALS FOR THE ENHANCEMENT OF POORLY WATER  
SOLUBLE DRUG.”**

*In the partial fulfilment of Degree of Bachelor of Pharmacy in, Savitribai Phule Pune University has been carried out by **Mr. Prathamesh Jadhav** in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Pooja A. Palandurkar, Assistant Professor of Pharmaceutics Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

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

Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044.



**Date:**  
**Place: Pune**

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Poojwal Chavan in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Kalyani Saboo. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 23-8-24  
Dr. N. S. Vyawahare  
Place: Pune  
Principal



Dr. D. Y. Patil

College of Pharmacy,

## Certificate



*This is to certify that the work presented in this project entitled  
"Formulation And Evaluation of  
Green tea body scrub"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Ms. Pranjal Dhake in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pooja  
Palandurkar This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in  
this dissertation.*

Date:  
Place: Pune



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

**Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044**



## Certificate



*This is to certify that the work presented in this project entitled  
"Formulation And Evaluation of Murraya koenigii  
Herbal Hair Serum"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by **Ms. Pranali Sabale** in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of **Ms. Kalyani  
B.Sahare**. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in this  
project.*

Date: 26/04/24  
Place: Pune

Dr. N.S. Vyawahare  
Principal  
Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044



## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled " A comprehensive review on Atorvastatin – Life saving drug ".*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Preeti Gorakh Gorde. in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pooja palandurkar .This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date:

Place: pune



Dr. N. S. Vyawahare

Principal

Dr. D. Y. Patil College of

Pharmacy,

Akurdi, Pune-411044

## CERTIFICATE



This is to certify that the work presented in this project entitled  
*"Formulation and Evaluation of Antiacne herbal scrub gel"*

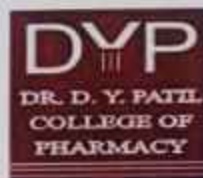
In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by *Ms. Priya Khandekar* in *Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044*, under the guidance of *Ms. Poonam Mulay*. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.

Date: 26/04/24  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune 411044

## Certificate



*This is to certify that the work presented in this project entitled  
“Preparation And Evaluation Of Herbal Lip Scrub”*

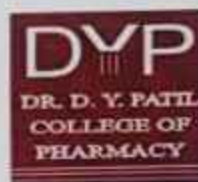
*In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Purvaja L. Deshpande in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Poonam Mulay This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 25-04-24  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044



## Certificate



*This is to certify that the work presented in this project entitled  
"Preparation And Evaluation Of Herbal Lip Scrub"*

*In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Ms . Pushpalata Sunil Jundale in Dr. D. Y.  
Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance  
of Ms. Poonam Mulay This report is now ready for examination.  
Materials and services obtained from various sources have been  
acknowledged in this dissertation.*

Date: 25/04/2024  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## Certificate

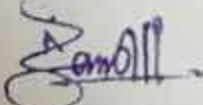


*This is to certify that the work presented in this project entitled  
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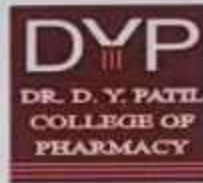
*In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by **Mr. Raj S. Brahmankar** in **Dr. D. Y. Patil  
College of Pharmacy, Akurdi, Pune-411044**, under the guidance of  
**Ms. Poonam Mulay** This report is now ready for examination.  
Materials and services obtained from various sources have been  
acknowledged in this dissertation.*

Date: 25/04/24  
Place: Pune



  
Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



This is to certify that the work presented in this Project entitled  
**"PROBIOTICS : BENEFICIAL MICROBES"**

In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Mr. Rajas Sandeep Hogale** in Dr.D.Y.Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of **Ms. Poonam Mulay**. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.

A handwritten signature in blue ink, appearing to read 'N. S. Vyawahare'.

Date: 26/04/2024  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044



2 | Page

Certificate



*This is to certify that the work presented in this Project report entitled "Preparation and Evaluation of Essential Oil-based Antibacterial Hand Sanitizer Gel"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Renuka Lolage in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Bhavana Kapse This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project report.*

**Date: 25/04/2024**  
**Place: Pune**



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

**Dr. D.Y. Patil College of Pharmacy,**  
**Akurdi, Pune- 411044**



### Certificate

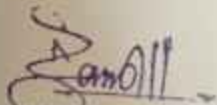


*This is to certify that the work presented in this Project report entitled "Preparation and Evaluation of Essential Oil-based Antibacterial Hand Sanitizer Gel"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Rohit Rathod in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Bhavana Kapse This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project report.*

Date: 25/04/2024  
Place: Pune



  
Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*  
**"FORMULATION AND EVALUATION OF HERBAL HAIR MASK,"**  
*in the partial fulfillment of Degree of Bachelor of Pharmacy in Savitribai Phule  
Pune University has been carried out by Ms. Rutuja Duttatray Kale in the  
laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under  
the guidance of Ms. Sarita Babasaheb Saxane, Assistant Professor of  
Pharmaceutical Chemistry Department. This report is now ready for examination.  
Materials and services obtained from various sources have been acknowledged in  
this dissertation.*



**Dr. N. S. Vyawahare**  
Principal  
Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044.

Date: 29/04/2024  
Place: Pune

## Certificate



*This is to certify that the work presented in this project entitled  
"Understanding Alzheimer's Disease: A Comprehensive Review"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by **Rushikesh Bele**, in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. **Bhavana  
P.Kapse** This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in  
this project.*

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

**Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044**

**Date: 25.4.2024**  
**Place: Pune**



Certificate



*This is to certify that the work presented in this Project entitled  
'Nasal Drug Delivery System For the Treatment of Alzheimer's'*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Mr. Rushikesh Patil in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs.  
Bhavana Kapse. This report is now ready for examination. Materials  
and services obtained from various sources have been acknowledged  
in this Project.*

Date:24/04/2024  
Place: Pune

Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044



## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Review of stevia as a natural sweetener"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. RUTUJA DNYANDEO TARAL in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. SARITA B. SASANE. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 26/09/2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr.D.Y.Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Formulation And Evaluation of Herbal Giloy Face Wash Having  
Anti- Wrinkle And Anti-Ageing Action"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by MR. SAAD SYED QUADRI, MS. SAGARIKA PRAVIN GAIKWAD, MS. RUTUJA SANJAY PAWAR in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. SARITA B. SASANE. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date:  
Place: Pune



Dr. N.S. Vyawahare  
Principal  
Dr.D.Y.Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this project entitled*  
*"Formulation And Evaluation of Herbal Giloy Face Wash*  
*Having Anti- Wrinkle And Anti-Ageing Action"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in*  
*the faculty of pharmaceutical sciences, Savitribai Phule Pune*  
*University has been carried out by MR. SAAD SYED QUADRI*  
*in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044,*  
*under the guidance of Ms. SARITA B. NASANE. This report is*  
*now ready for examination. Materials and services obtained*  
*from various sources have been acknowledged in this project.*

Date: 26/04/24  
Place: Pune



Dr. N.S. Vyawahare  
Principal  
Dr.D.Y.Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Formulation And Evaluation of Herbal Colly Eye Wash Having  
Anti Wrinkle And Anti-Aging Action"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune  
University has been carried out by Ms. SAGARIKA PRAVTA  
GADKAR in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-  
411044, under the guidance of Ms. SARITA B. SASANE. This  
report is now ready for examination. Materials and services  
obtained from various sources have been acknowledged in this  
project.*

Date: 26/04/2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr.D.Y.Patil College of Pharmacy,  
Akurdi, Pune-411044





Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

### Certificate

*This is to certify that the work presented in this dissertation entitled "Formulation and Evaluation of under eye cream by using aqueous extract of Syzygium cumini" in the partial fulfillment of Degree of Bachelor of Pharmacy in the department of Pharmaceutical Sciences, Savitribai Phule Pune University has been carried out by Mr. Sahil Abdul Rahaman Ujeda in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Prof. Shweta A. Ukarande. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*



Date: 29/4/2024

Place: Pune

Dr. N. S. Vyawahare

Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044



## Certificate

*This is to certify that the work presented in this dissertation entitled "Preparation and Evaluation of Herbal Anti-Ageing Face Pack" In the partial fulfillment of Degree of Bachelor of Pharmacy in the Department of Pharmaceutical Sciences, Savitribai Phule Pune University has been carried out by Ms. Sakshi Thorat in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Shweta A. Ukarande. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*



Date: 23/04/2024  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044



## Certificate

*This is to certify that the work presented in this dissertation entitled "Preparation and Evaluation of Herbal Anti-Ageing Face Pack" In the partial fulfillment of Degree of Bachelor of Pharmacy in the Department of Pharmaceutical Sciences, Savitribai Phule Pune University has been carried out by Ms. Samruddhi Ingale in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Shweta A. Ukarande. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*



Date: 29/04/2024  
Place: Pune

Dr. N. S. Vyawahare  
Principal  
Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044



Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## Certificate

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Date: 29/4/2024

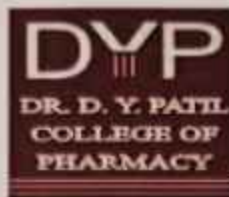
Place: Pune



Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

### **FORMULATION AND EVALUATION OF POLY HERBAL ANTIDANDRUFF HERBAL GEL**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out By Mr. Satish Machchindra Garje in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Anju Kalyankar Assistant Professor of Pharmaceutical Chemistry Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

Date: 23-4-24  
Place: Pune



Dr. N. S. Vyawahare Principal  
Dr. D.Y. Patil College of  
Pharmacy Akurdi, Pune -  
411044

## Certificate



*This is to certify that the work presented in this project entitled*

### **“ Stem cell therapy in Parkinson Disease”**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
Of pharmaceutical sciences, Savitribai Phule Pune University has been  
Carried out by Saurav S Rathod in Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044, under the guidance of Ms. Anju Kalyankar This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this project.*

Date: 29/4/24  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



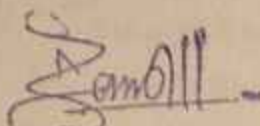
*This is to certify that the work presented in this project entitled*

*In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Sayali Bhimrao Wategaonkar in laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Anju Kalyankar Assistant Professor Of Pharmaceutical Chemistry Department . This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

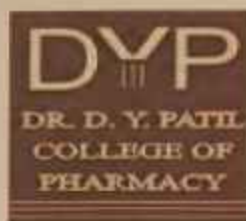
29/4/2024  
Date: April, 2024

Place: Pune



  
Principal  
Dr. N. S. Vyawahare  
(Dr. D. Y. Patil college of pharmacy)

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

### **FORMULATION AND EVALUATION OF ANTIBACTERIAL ANTIDANDRUFF HERBAL GEL**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out By Ms. Sejal Ganesh Khataavakar in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Anju Kalyankar Assistant Professor of Pharmaceutical Chemistry Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

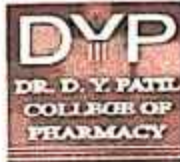
Date: 29/4/2024  
Place: Pune



Dr. N. S. Vyawahare Principal  
Dr. D.Y. Patil College of  
Pharmacy Akurdi, Pune -  
411044



## CERTIFICATE



*This is to certify that the work presented in this Project entitled  
"Formulation and Evaluation of  
Anti-dandruff shampoo of Ketoconazole"*

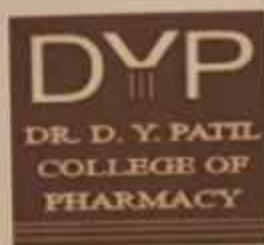
*The partial fulfillment of the Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Shwet Bahure in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Kajal Bhagat. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

Date: 25/11/2024  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

# CERTIFICATE

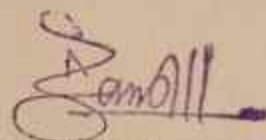


*This is to certify that the work presented in this project entitled*

## ***"IMPACT OF MICROPLASTIC ON HUMAN HEALTH "***

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of Pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Mr. Shivraj Deepak Jadhav** in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of **Ms. Anju Kalyankar**, Assistant Professor of Pharmaceutical Chemistry Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date:  
Place: Pune



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

**Dr. D. Y. Patil College of Pharmacy,**  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this Project entitled "Formulation and Evaluation of Anti-dandruff shampoo of Ketoconazole"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Shubham Yadav in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Kajal Bhagat This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

Date: 25/04/24  
Place: Pune



A handwritten signature in black ink, appearing to read 'N. S. Vyawahare'.

Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## Certificate



*This is to certify that the work presented in this project entitled*

***“Study of Antioxidant Activity of ethyl acetate  
fraction of methanolic extract of Barleria prionitis  
aerial part”***

*In the partial fulfillment of Degree of Bachelor of Pharmacy in  
Pharmacognosy in the faculty of pharmaceutical sciences, Savitribai Phule  
Pune University has been carried out by Ms. Shruti Manoj Toradmal in  
the laboratories of Dr. D. Y. Patil College of Pharmacy.*

*Akurdi, Pune-411044, under the guidance of Mrs. Kajal Bhagat  
Associate Professor of Pharmaceutical Pharmacognosy Department. This  
report is now ready for examination. Materials and services obtained from  
various sources have been acknowledged in this project.*

Date: 26/4/24  
Place: Pune



Dr. N. S. Vyawahare  
Principal  
Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## Certificate



*This is to certify that the work presented in this project entitled  
"Green Chemistry"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Siddheshwar Korke in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Sayali Raut. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 23-04-2023  
Place: Pune



A handwritten signature in black ink, appearing to read 'N.S. Vyawahare'.

Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## Certificate



*This is to certify that the work presented in this project entitled  
"FORMULATION AND DEVELOPMENT OF ANTI-ACNE FACE  
SERUM USING CENTELLA ASIATICA"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Ms. Sneha Shivkumar Landge in Dr. D. Y. Patil  
College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms.  
Sayali Raut. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in this  
project.*

Date: 29/4/24  
Place: Pune



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

**Dr. D.Y. Patil College of Pharmacy**  
**Akurdi, Pune- 411044**

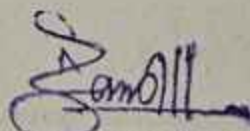
## CERTIFICATE



This is to certify that the work presented in this project entitled  
*"FORMULATION AND EVALUATION OF ANTIFUNGAL OIL"*

In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by *Sonali Bhosale* in Dr.D.Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of *Dr. Ramesh G. Katedeshmukh* and *Mr. Atish Sarode*. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.

Date: 30/4/24  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## Certificate

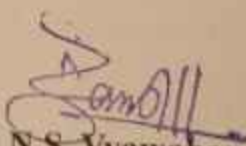


*This is to certify that the work presented in this project entitled  
"FORMULATION AND DEVELOPMENT OF ANTI-ACNE FACE  
SERUM USING CENTELLA ASIATICA"*

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faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Ms. Snehal Ramesh Sawale in Dr. D. Y. Patil  
College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms.  
Sayali Raut. This report is now ready for examination. Materials and  
services obtained from various sources have been acknowledged in this  
project.*



**Date:** 29/04/24  
**Place:** Pune

  
**Dr. N.S. Vyawahare**  
**Principal**  
**Dr. D.Y. Patil College of Pharmacy**  
**Akurdi, Pune- 411044**



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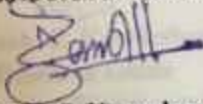
This is to certify that the work presented in this project work entitled.

**TITLE: REGULATORY AUTHORITIES & AGENCIES AND CTD MODULES**  
**(review article)**

In the partial fulfilment of Degree of Bachelor of Pharmacy in the Department of pharmaceutical science, Savitribai Phule Pune University has been carried out by Mr. Suyog Sunil Shah in the laboratories of Dr. D Y Patil College of Pharmacy under the guidance of Dr. Ramesh. G. Katedeshmukh, Professor of Pharmaceutics Department and Mr. Atish Sarode assistant professor, Department of Pharmaceutics. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project work.

Date: 30/4/24  
Place: Pune



  
Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College of Pharmacy,  
Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this Project entitled*  
**“ROLE OF GUT MICROBIOTA-MEDIATED METABOLISM IN THE  
PHARMACOKINETICS AND PHARMACODYNAMICS OF  
NATURAL PRODUCTS”**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Ms. Tejswini Ahire in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Chande Kalyani, Assistant Professor of Pharmacognosy Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project.*

Date: 25/4/24  
Place: Pune



Dr. N. S. Vyawahare  
Principal

Dr. D. Y. Patil College Of Pharmacy Akurdi,  
Pune 411044

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled  
Preparation and evaluation of Hand warming cream .*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Tejasvini Vidyadhar Bagul in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Assistant professor  
Ms. Kalyani Chande. This report is now ready for examination. Materials  
and services obtained from various sources have been acknowledged in this  
dissertation.*

Date:  
Dr. N. S. Vyawahare  
Principal



Dr. D. Y. Patil College of Pharmacy  
Akurdi, Pune-411044  
Place: Pune

## Certificate



This is to certify that the work presented in this project entitled  
"FORMULATION AND EVALUATION OF ALOE VERA GEL FOR  
WOUND HEALING "

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the  
faculty of pharmaceutical sciences, Savitribai Phule Pune University  
has been carried out by Mr. Tanmay Thorat in Dr. D. Y. Patil College  
of Pharmacy, Akurdi, Pune-411044, under the guidance of Dr.  
Ramesh G. Katedeshmukh and Mr. Atish Sarode This report is now  
ready for examination. Materials and services obtained from various  
sources have been acknowledged in this project.*

Date: 30/04/2024  
Place: Pune



Dr. N.S. Vyawahare  
Principal

Dr. D.Y. Patil College of Pharmacy,  
Akurdi, Pune- 411044

## Certificate




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*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Miss. Tamuja Thete in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Dr. Ramesh G. Katedeshmukh and Mr. Atish Sarode This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 30/4/24  
Place: Pune



  
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## **CERTIFICATE**



*This is to certify that the work presented in this dissertation entitled*

### ***TOXIC DIFFUSE GOITER(GRAVES DISEASE)***

*In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Tushar Rajendra Nandode in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Kalyani Chande, Assistant Professor of Pharmacognosy Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 20/4/24

Place: Pune



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Dr. D. Y. Patil College of Pharmacy,

Akurdi, Pune-411044

## CERTIFICATE



*This is to certify that the work presented in this project entitled*  
*Chemical constituents and pharmacological significance of *Tinospora cordifolia* (Giloy)*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Varun pandurang Patil in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Aarati Sonawane. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 30/04/2024  
Place: Pune

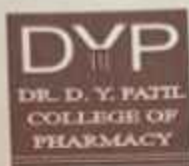


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SPPD  
30/4/24  
Dr. B. P. Prabakar

## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Phytochemical screening and analytical method development of Tinospora  
cordifolia"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
of pharmaceutical sciences, Savitribai Phule Pune University has been  
carried out by Ms. Valshnavi D. Ekhande in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Mrs. Aarati  
Sonawane. This report is now ready for examination. Materials and  
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Date: 30/4/24  
Place: Pune

Dr. N. S. Vyawahare  
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8/1/24  
30/4/24  
Dr. S. P. Patil



## CERTIFICATE



*This is to certify that the work presented in this project entitled  
"Development of analytical method and phytochemical screening of  
Tinospora cordifolia"*

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the faculty  
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Date: 25/04/2024  
Place: Pune

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20/4/24  
Dr. S. P. Mahapatra

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Dr. N. S. Vyawahare  
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Date: 30/4/24  
Place: Pune

30/4/24  
Dr. S. P. Mahapatra

## CERTIFICATE



*This is to certify that the work presented in this project entitled*

***"Exploring Formulation Strategies and Assessing Efficacy: A Study on Handwash Development and Evaluation"***

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the Department of pharmaceutical science, Savitribai Phule Pune University has been carried out by Mr. Vedant Mulange in the laboratories of Dr. D. Y. Patil College of*

*Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pallavi Somthane, Assistant Professor of Quality Assurance Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

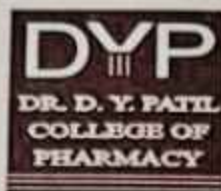
Date:  
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Dr. N. S. Vyawahare  
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*Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pallavi Somthane, Assistant Professor of Quality Assurance Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date:  
Place: Pune



Dr. N. S. Vyawahare  
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*Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pallavi Somthane, Assistant Professor of Quality Assurance Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this Project*

Date: 30/4/24  
Place: Pune



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## CERTIFICATE



*This is to certify that the work presented in this project entitled*  
**"REVIEW ON NEUROFIBROMATOSIS"**

*In the partial fulfillment of Degree of **Bachelor of Pharmacy** in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by **Mr. VISHAL KENDRE** in Dr.D.Y.Patil College of Pharmacy, Akurdi, Pune- 411044, under the guidance of **Ms. KIRAN MAKHIJA** This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 29-04-24  
Place: Pune



**Dr. N. S. Vyawahare**  
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Akurdi, Pune-411044

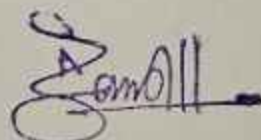
## Certificate



*This is to certify that the work presented in this project entitled*  
**A Review on Risk Factors of Cardiovascular Disease in  
Asian Countries.**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in  
the faculty of pharmaceutical sciences, Savitribai Phule Pune University has  
been carried out by Mr. Vijay Vilas Mule in Dr. D. Y. Patil College of  
Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Kiran Makhija  
This report is now ready for examination. Materials and services obtained  
from various sources have been acknowledged in this project.*

Date: 29/4/2024  
Place: Pune



**Dr. N. S. Vyawahare**  
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**Dr. D. Y. Patil College Pharmacy,**  
**Akurdi, Pune-411044**

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

### **" A Comprehensive Review on Epilepsy "**

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the Department of pharmaceutical science, Savitribai Phule Pune University has been carried out by Mr. Vishal Shankar Pawar in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Kiran Makhija , Assistant Professor of Pharmacology Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 29/04/2024  
Place: Pune



  
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## CERTIFICATE



This is to certify that the work presented in the thesis entitled, "Action taken to minimise the exposure to pesticide residue " submitted by Yash Uday Kulkarni in the partial fulfilment of Degree of bachelor in pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University was carried out by him in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune -411044, under the guidance of Dr. Sarika Nikam in Department of Pharmaceutics

Date: 26/4/24

Place: Pune



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Akurdi, Pune- 411044


## CERTIFICATE



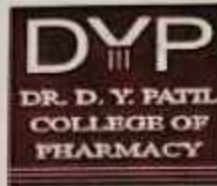
*This is to certify that the work presented in this dissertation entitled  
"Exploring perceptions: herbal and alternative medicines survey"*

*The partial fulfillment of the Degree of Bachelor of Pharmacy in  
Pharmaceutics in the Department of Pharmaceutical Science, Savitribai  
Phule Pune University has been carried out by Mr. Yashwant B. Chavan in  
the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-  
411044, under my guidance and to my satisfaction. This report is now ready  
for examination. Materials and services obtained from various sources have  
been acknowledged in this project.*

Date : 29 April 2024  
Place: Pune

  
Ms. Ashwini M. Gavit  
Project Guide  
Department of Pharmacology

## CERTIFICATE



*This is to certify that the work presented in this dissertation entitled*

***Generic Drug Understanding assessment - SURVEY***

*In the partial fulfilment of Degree of Bachelor of Pharmacy in the faculty of pharmaceutical sciences, Savitribai Phule Pune University has been carried out by Mr. Yashwant Balbhim Chavan (B. Pharmacy) in Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Pallavi Gholap This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this dissertation.*

Date: 25/4/2024

Place: pune



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## CERTIFICATE



*This is to certify that the work presented in this Project entitled*

***"Role of Artificial Intelligence In Pharmaceutical Technology and Drug Delivery Design "***

*In the partial fulfillment of Degree of Bachelor of Pharmacy in the Department of pharmaceutical science, Savitribai Phule Pune University has been carried out by Ms. Yuthika Sudhir Ovhal in the laboratories of Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune-411044, under the guidance of Ms. Ashwini Gavit, lecturer of Pharmacology Department. This report is now ready for examination. Materials and services obtained from various sources have been acknowledged in this project.*

Date: 29/04/2024  
Place: Pune



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