

Shreeshakti Shaikshanik Sanstha's

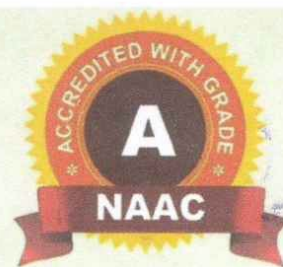
# DIVINE COLLEGE OF PHARMACY

Nampur Road, Satana, Tal. Baglan, Dist. Nashik-423301 (M.S.)

Phone: (02555) 226009

E-mail: divinecop15@gmail.com

Web: www.divinepharmacy.in



Approved by PCI - New Delhi (531), Govt. of Maharashtra & DTE - Mumbai (5443).

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## KEY INDICATOR

### 2.3. TEACHING LERNING PROCESS

#### METRIC NO. 2.3.1

STUDENTS CENTRIC METHOD, SUCH AS  
EXPERIENTIAL LEARNING, PARTICIPATIVE  
LEARNING AND PROBLEM SOLVING  
METHODOLOGIES ARE USED FOR  
ENHANCING LEARNING EXPERIENCES

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3	Problem Solving	40





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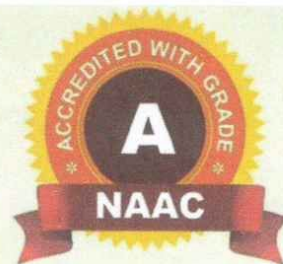
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# Experiential learning





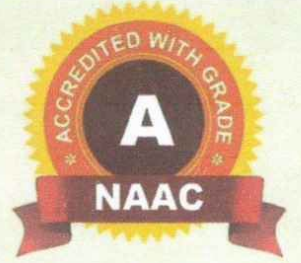
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**INSTITUTE LABORATORY EXPOSURE**



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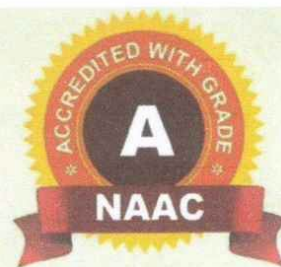
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*M. J. Jadhav*  
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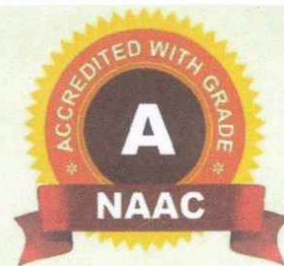
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## INSTRUMENT ROOM



*M. J. Jaiswal*  
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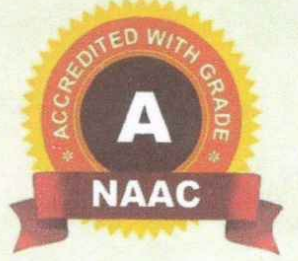
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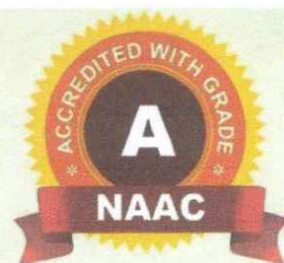
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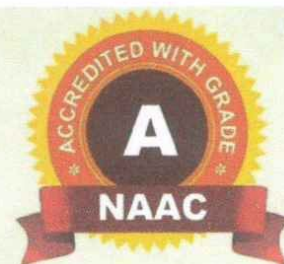
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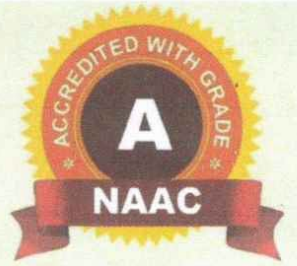
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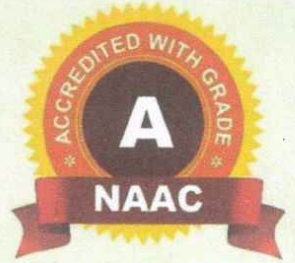
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**Divine College of Pharmacy**  
2 August 2023

On the occasion of Birthday of Honourable Dr. Apoorva Bhou Hiray,  
On 01/08/2023,  
Divine College of Pharmacy organised Free Medical Checkup Camp and Tree Plantation at Virgaon Pade(Baglan).

Following activities were performed

1. Blood group detection
2. Blood pressure measurement
3. Hemoglobin count
4. Tree plantation

More than 70 citizens taken the benefit of the camp.



*Mahojas*  
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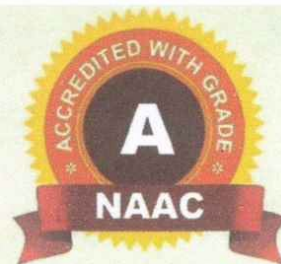
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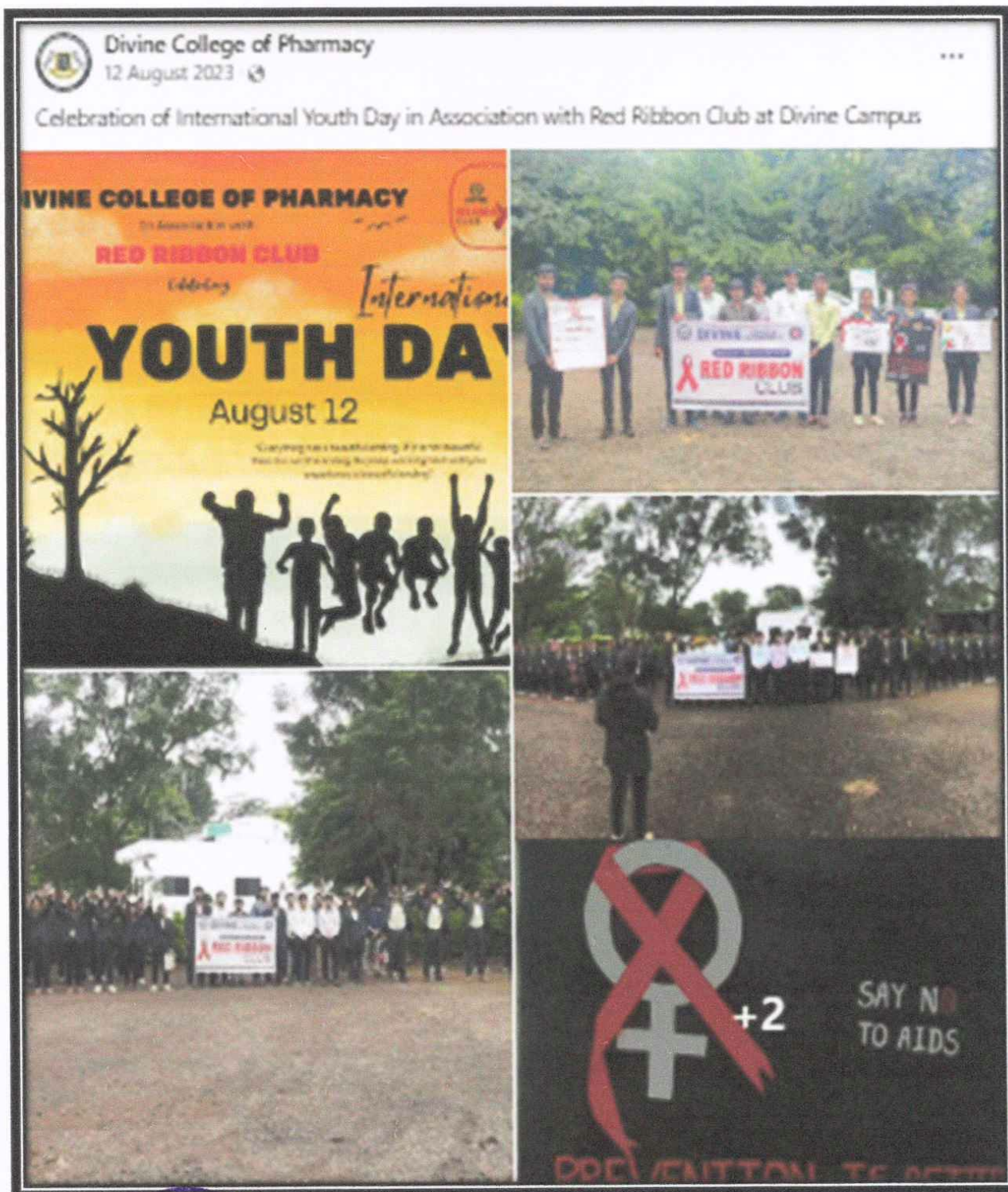
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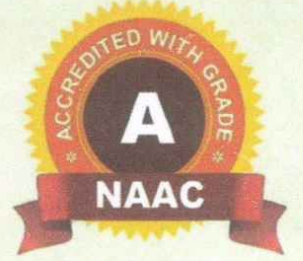
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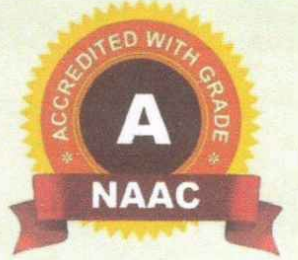
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*Malhotra*  
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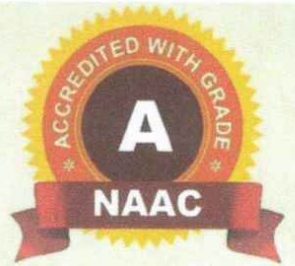
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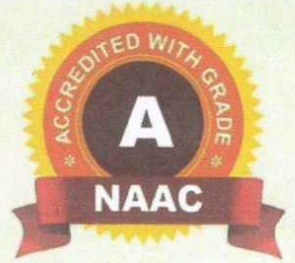
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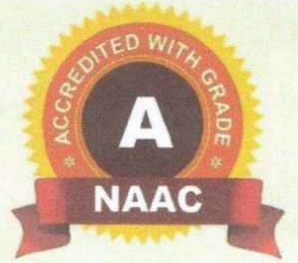
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 Divine College of Pharmacy  
18 January · 🌐

Day 2 : NSS Special Camp 17/01/2024  
Activity:

- 1) Blood group detection
- 2) BP check up,
- 3) Lcture on population control and family planning by Mr. kiran dasmukhe



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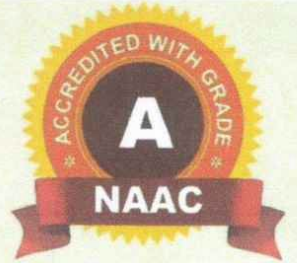
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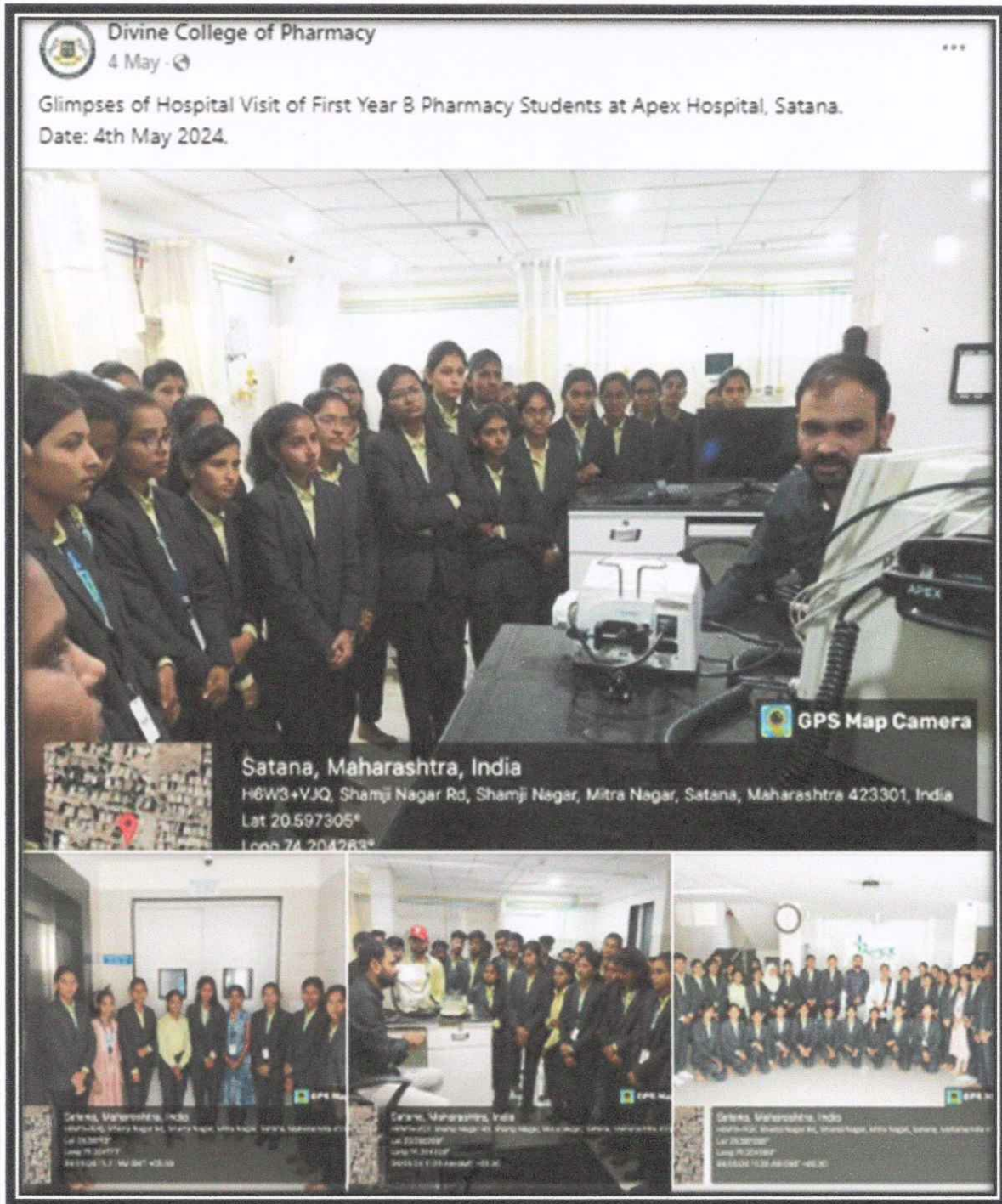
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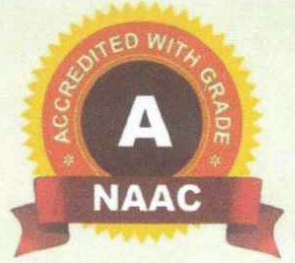
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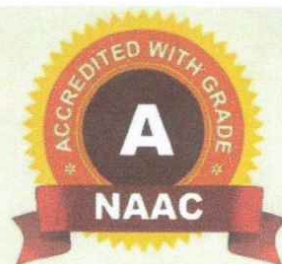
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## STUDENT LIST OF INDUSTRIAL TRAINING

Sr. No.	NAME OF STUDENT	INDUSTRIAL NAME	DATE
1.	Aher Sanket Namdev	Koral Pharma	06/10/2023 to 06/11/2023
2.	Ahire Chandrakant Madhukar	Kapynag Pharma PVT. Ltd.	02/12/2023 to 02/01/2024
3.	Ahire Mayur Suresh	Koral Pharma	06/10/2023 to 06/11/2023
4.	Ahire Samruddhi Kiran	Glenmark Life Science Ltd.	01/03/2024 to 30/03/2024
5.	Ahirrao Harshada Sanjay	SciTech Specialities Pvt. Ltd.	10/06/2024 to 10/07/2024
6.	Bachhav Bhushan Prabhakar	Koral Pharma	06/10/2023 to 06/11/2023
7.	Bagul Durva Sandip	Vital Healthcare Pvt. Ltd.	21/04/2024 to 28/04/2024
8.	Bairagi Aniket Babu	Kapynag Pharma Pvt. Ltd.	09/12/2023 to 09/01/2024
9.	Dashpute Sakshi Vikas	Maxheal Pharmaceutical (india)Ltd.	03/06/2024 to 02/07/2024
10.	Deokar Radhika Shekhar	SciTech Specialities Pvt.Ltd	10/06/2024 to 10/07/2024
11.	Deore Yashashri Kranti	Bora Pharma Pvt. Ltd.	10/06/2024 to 11/07/2024
12.	Gangurde Kiran Prakash	Kapynag Pharma Pvt. Ltd.	07/12/2023 to 07/01/2024
13.	Gangurde Punam Nivrutti	Koral Pharma	14/12/2023 to 14/01/2024
14.	Gangurde Rutuja Shankar	Glanmark Pharmaceutical Ltd.	01/07/2024 to 01/08/2024
15.	Gite Sanket Shrihari	Shrinivasa Ayurvedic Pvt. Ltd.	02/12/2023 to 02/01/2024
16.	Gunjal Puja Anil	Koral Pharma	14/12/2023 to 14/01/2024
17.	Gunjal Rahul Nivrutti	Bora Pharma Pvt. Ltd.	28/02/2024 to 29/03/2024
18.	Gunjal Vaibhav Babasaheb	Bora Pharma Pvt. Ltd.	28/02/2024 to 29/03/2024
19.	Jadhav Pallavi Sunil	Kapynag Pharma Pvt. Ltd.	12/12/2023 to 12/10/2024
20.	Jadhav Pranav Kailas	Vridam Healthcare Pvt.Ltd	04/12/2023 to 04/12/2024
21.	Jadhav Shubham Ramrav	Shrinivasa Ayurvedic Pvt.Ltd.	02/12/2023 to 02/01/2024
22.	Jadhav Tejas Sahebrao	Koral Phrama	06/10/2023 to 06/11/2023
23.	Kasar Tejasvi Madhav	Aarti Drugs Limited	10/06/2024 to 10/07/2024
24.	Kendre Shital Jyotinath	Koral Pharma	14/12/2023 to 14/01/2024
25.	Khairnar Harshali Dnyaneshwar	Kapynag Pharma Pvt. Ltd.	12/12/202 to 12/01/2024
26.	Khairnar Yash Dattu	Koral Phrama	06/10/2023 to 06/11/2023
27.	Khairnar Yash Sanjay	Koral Pharma	25/02/2024 to 25/03/2024
28.	Kulkarni Vaibhav Prakash	Vishal Pharmaceutical Laboratories	10/06/2024 to 10/07/2024
29.	Kurhade Yash Vishwanath	Shrinivasa Ayurvedic Pvt.Ltd.	02/12/2023 to 02/01/2024
30.	Mahale Chaitali Bhausahab	Production Of Enzymes	02/12/2023 to 01/01/2024
31.	Mahale Snehal Dilip	Shrinivasa Ayurvedic Pvt. Ltd.	02/12/2023to 02/01/2024
32.	More Kapil Jibhau	Koral Pharma	01/08/2023 to 31/08/2023
33.	More Vaishnavi Pishwar	Aarti Drugs Limited	10/06/2024 to 10/07/2024
34.	Nikam Dishali Satish	Koral Pharma	01/08/2023 to 31/08/2023





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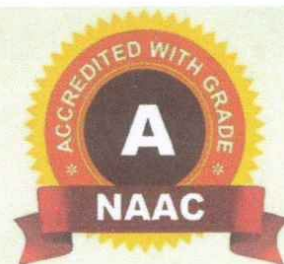
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35.	Nikam Nikita Satish	Neuvocare Bioscience Pvt. Ltd.	13/03/2024 to 15/04/2024
36.	Nikam Saurabh Manik	Vishal Pharmaceutical Laboratories	10/06/2024 to 10/07/2024
37.	Pagar Sejal Rakesh	Bini Laboratories Pvt. Ltd.	01/01/2024 to 31/01/2024
38.	Pagar Shweta Shivaba	Koral Pharma	01/08/2023 to 31/01/2023
39.	Pagare Rutik Arun	Kapynag Pharma Pvt. Ltd.	12/12/2023 to 12/01/2024
40.	Pansare Mayur Janardan	Bora Pharma Pvt. Ltd.	11/06/2024 to 12/07/2024
41.	Saiyyad Masira Maksudali	Koral Pharma	25/02/2024 to 25/03/2024
42.	Sawant Himmat Daulat	Shriniwasa Ayurvedic Pvt Ltd.	02/12/2023 to 02/01/2024
43.	Shelar Hitesh Chandrakant	SciTech Specialities Pvt. Ltd.	10/06/2024 to 10/07/2024
44.	Shewale Disha Charandas	Koral Pharma	25/02/2024 to 25/03/2024
45.	Shewale Harshada Sanjay	Kapynag Pharma Pvt. Ltd.	12/12/202 to 12/01/204
46.	Solanke Rutuja Ashok	Aarti Drugs Limited	10/06/2024 to 10/07/2024
47.	Sonare Kirti Gajanan	Vishal Pharmaceutical Laboratories	10/06/2024 to 10/07/2024
48.	Sonawane Aniket Sunil	Primal Pharma Limited	11/06/2024 to 11/07/2024
49.	Sonawane Bhavesh Prakash	Koral Pharma	25/02/2024 to 25/03/2024
50.	Sonawane Paresh Vijay	SciTech Specialities Pvt. Ltd.	10/06/2024 to 10/07/2024
51.	Sonawane Pawan Ravindra	Primal Pharma Limited	11/06/2024 to 11/07/2024
52.	Sonawane Poonam Jaiprakash	SciTech Specialities Pvt.Ltd.	10/06/2024 to 10/07/2024
53.	Sonawane Sanjana Nandu	Haffkine Bio-Pharmaceutical Corporation Ltd.	04/02/2024. 05/03/2024
54.	Sonawane Sharwari Keshav	Genom Biotech Pvt. Ltd.	20/07/2023 to 20/08/2024
55.	Sonje Purva Dinesh	Aarti Drugs Limited	10/06/2024 to 10/07/2024
56.	Thakare Anil Sambhaji	Kapynag Pharma PVT. Ltd.	05/12/2023 to 05/01/2024
57.	Thakare Nikit Suresh	Holden Medical Laboratories Pvt. Ltd.	11/03/2024 to 29/03/2024
58.	Wagh Dipa Bhika	Bora Pharma Pvt. Ltd.	12/12/2023 to 12/01/2024
59.	Wagh Pratiksha Devendra	Koral Pharma	25/02/2024 to 25/03/2024
60.	Wakte Tejas Bhausahab	Shriniwasa Ayurvedic Pvt. Ltd.	02/12/2023 to 02/01/2024
61.	Yeola Vishakha Dipak	Megafine Pharma Pvt. Ltd.	01/12/2023 to 30/12/2023



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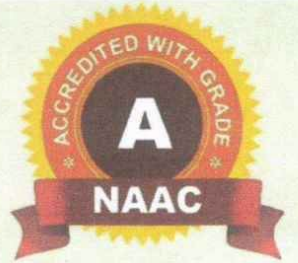
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Web: [www.divinepharmacy.in](http://www.divinepharmacy.in)



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## INDUSTRIAL TRAINING CERTIFICATES

  
**glenmark**  
A new way for a new world

Date: 01/07/2024


**CERTIFICATE**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Rutuja Gangurde** student of Divine College of Pharmacy, Nashik, has successfully completed her Internship training as a part of her B. Pharmacy curriculum at Glenmark Pharmaceuticals Ltd, Nashik

We wish her all the best in her future endeavour.


For Glenmark Pharmaceuticals Ltd.



Authorised Signatory

Glenmark Pharmaceuticals Ltd.  
Plot No. E - 37, 39, D-Road, M.I.D.C., Satpur, Nashik - 422 007, Maharashtra State, India  
T : 91 255 6613999, 6613748 F : 91 253 2352707 W : [www.glenmarkpharma.com](http://www.glenmarkpharma.com)  
Registered Office : B/2, Mahalaxmi Chambers, 22, Bhamburda Desai Road, Mumbai 400 026  
CIN - L24299MH11977PLC019982 Email Id : [complianceoffice@glenmarkpharma.com](mailto:complianceoffice@glenmarkpharma.com)



  
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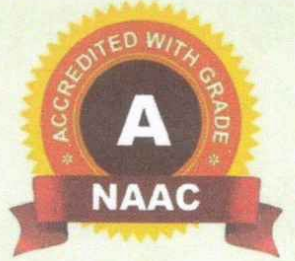
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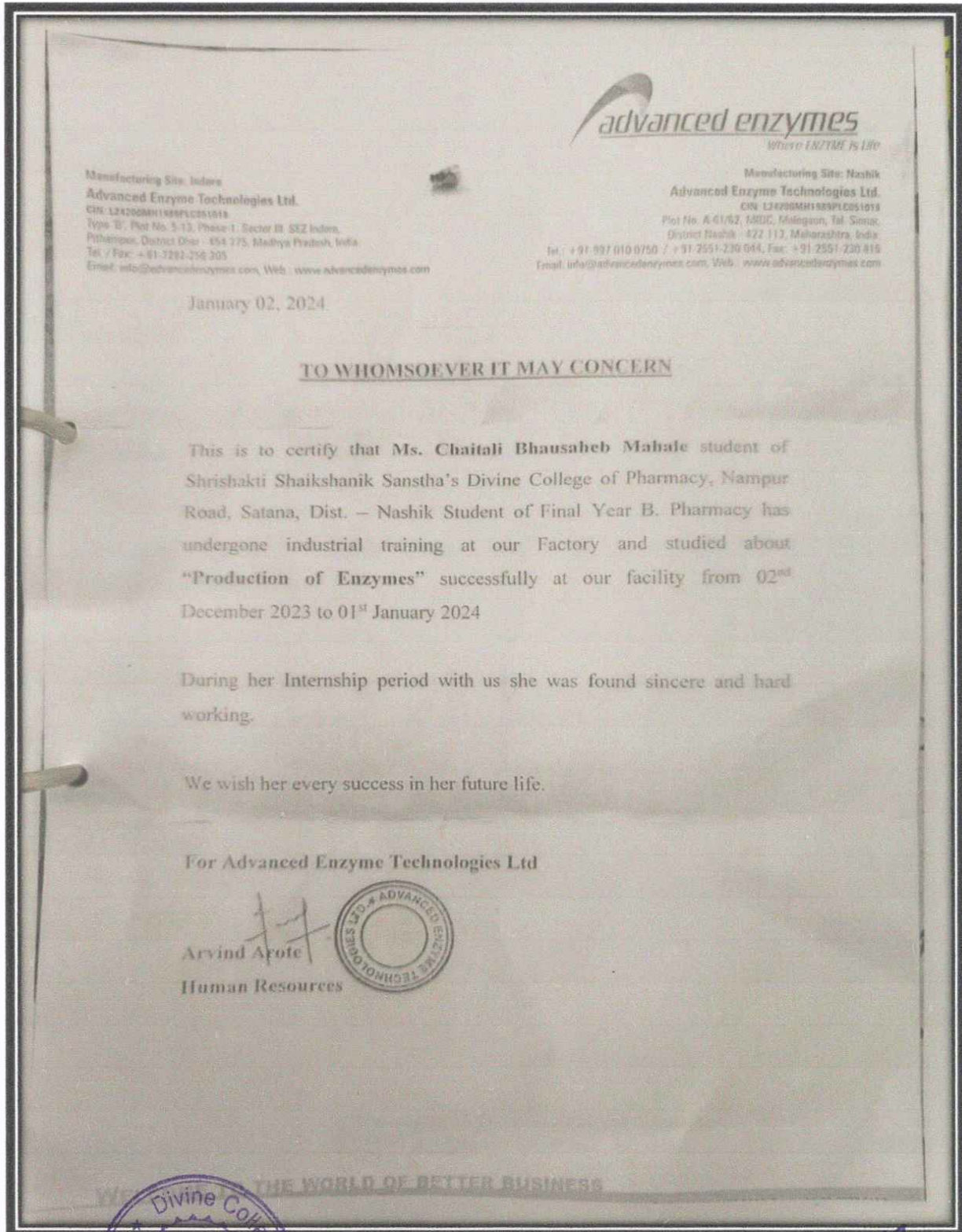
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 Advanced Enzyme Technologies Ltd.  
 CIN: L24200MH1989PLC251019  
 Type 'B', Plot No. 5-13, Phase-1, Sector B, SEZ Indore,  
 Pithampur, District Dhar - 454 175, Madhya Pradesh, India  
 Tel / Fax: +91-3282-256 205  
 Email: [info@advancedenzymes.com](mailto:info@advancedenzymes.com), Web: [www.advancedenzymes.com](http://www.advancedenzymes.com)

*advanced enzymes*  
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 Advanced Enzyme Technologies Ltd.  
 CIN: L24200MH1989PLC251019  
 Plot No. A-61/52, MIDC, Molegaon, Tal. Simar,  
 District Nashik - 422 113, Maharashtra, India  
 Tel: +91-897 010 0750 / +91-2551-230 944, Fax: +91-2551-230 819  
 Email: [info@advancedenzymes.com](mailto:info@advancedenzymes.com), Web: [www.advancedenzymes.com](http://www.advancedenzymes.com)

January 02, 2024

### TO WHOMSOEVER IT MAY CONCERN


This is to certify that Ms. Chaitali Bhausahab Mahale student of Shreeshakti Shaikshanik Sanstha's Divine College of Pharmacy, Nampur Road, Satana, Dist. - Nashik Student of Final Year B. Pharmacy has undergone industrial training at our Factory and studied about "Production of Enzymes" successfully at our facility from 02<sup>nd</sup> December 2023 to 01<sup>st</sup> January 2024

During her Internship period with us she was found sincere and hard working.

We wish her every success in her future life.

For Advanced Enzyme Technologies Ltd

Arvind Apote  
 Human Resources




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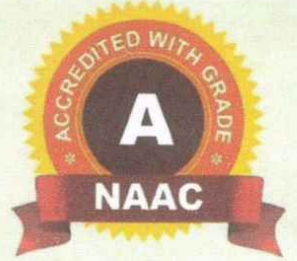
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**BORA PHARMA  
PRIVATE LIMITED**

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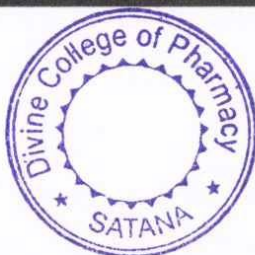
*This is to certify that Mr. Mayur Janardan Pansare was Final Year B.Pharm student of Divine College of Pharmacy, Satana Dist. Nashik, has duly completed his Inplant Industrial Training successfully from 11/06/2024 to 12/07/2024 within the working hours of our company.*

Yours truly,  
For Bora Pharma Pvt.Ltd.

*Mayur*  
for Bora A.V.  
(DIRECTOR)



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Admn Office : 113/A, Santosh Appt. Flat No. 4, Prabhakar Road, Pune-411 004 • E-mail - bpppune@gmail.com 91-020 25441217  
Office : 3650/53 "Vasant Valbhav", Urban Bank Road, Kapad Bazar, Ahmednagar - 414 001  
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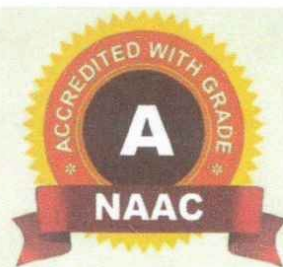
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# Participative learning





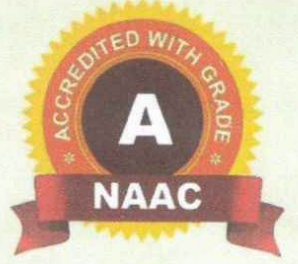
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**LIST OF STUDENTS PARTICIPATED IN POSTER PRESENTATION / REVIEW  
ARTICLE WRITING**

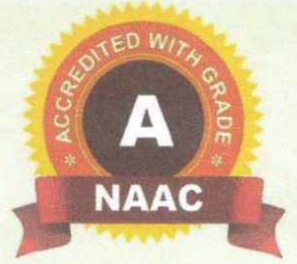
Sr. No.	Type of activity	Name of students	Title of topic/event
1	E- Poster Competition	Jadhav Pallavi Sunil	National Level "E- Poster Competition" For Pharma Students 2k23
2	E- Poster Competition	Pawan Sonawane	National Level "E- Poster Competition" For Pharma Students 2k23
3	E- Poster Competition	Shewale Harshada Sanjay	National Level "E- Poster Competition" For Pharma Students 2k23
4	E- Poster Competition	Sonawane Sanjana Nandu	National Level "E- Poster Competition" For Pharma Students 2k23
5	E- Poster Competition	Wagh Dipa Bhika	National Level "E- Poster Competition" For Pharma Students 2k23
6	Review Article Writing	Jayesh Sanjay aher	National Level Review Article Writing Competition
7	Review Article Writing	Leena Savale	National Level Review Article Writing Competition
8	Review Article Writing	Sanket Namdev Aher	National Level Review Article Writing Competition



*Malhotra*  
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**SAMPLE CERTIFICATES OF PARTICIPANTS**



*[Signature]*  
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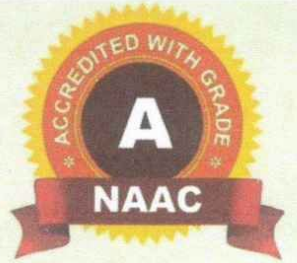
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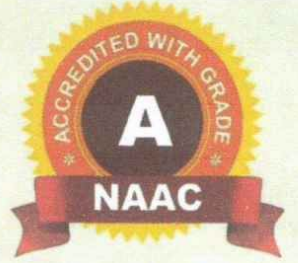
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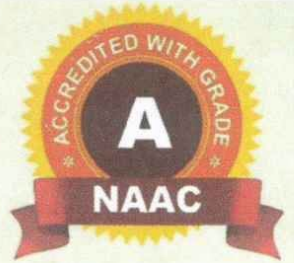
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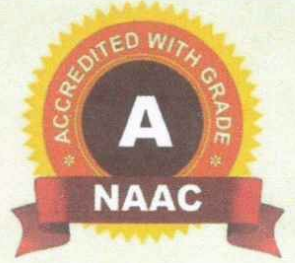
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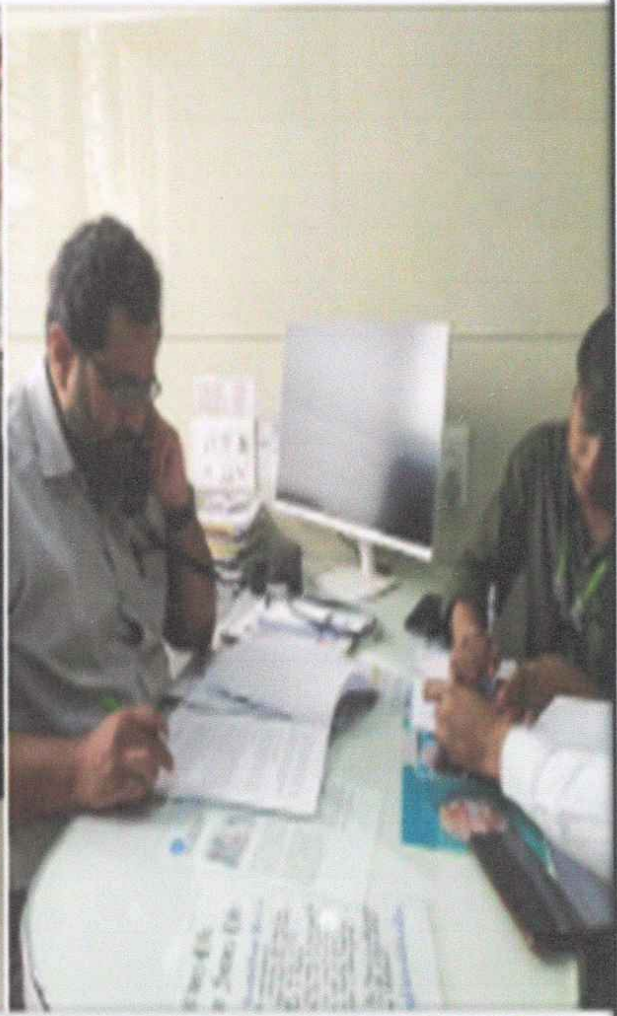
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10 August 2023

MOU (Memorandum of Understanding) was signed today with the Apex Hospital (Multispeciality Hospital) Satana.

Thanks to Dr. Pravin Khairnar Sir (Chairman of Apex Hospital; Satana) for valuable time.

[Apex Hospital, Satana](#)



*M. Khairnar*  
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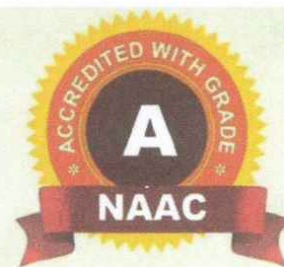
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6 April · 🌐

MOU is signed with Clinisights Health Pvt. Ltd. (A training Institute for clinical research and Pharmacovigilance)



vivo Y75  
Apr 06, 2024, 10:22



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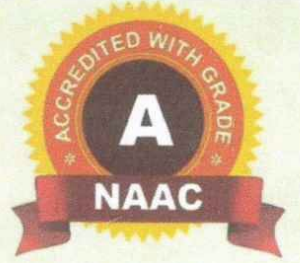
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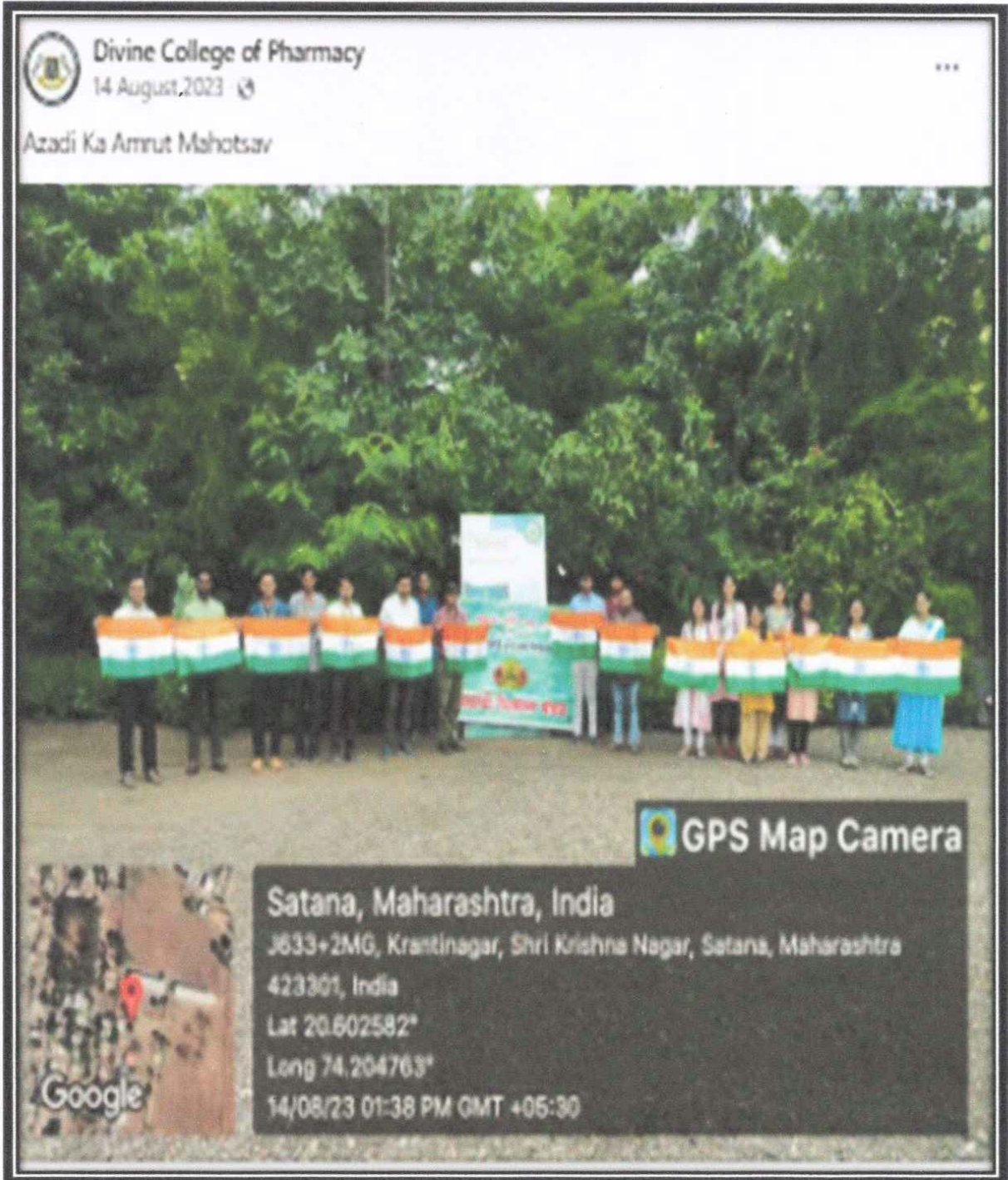
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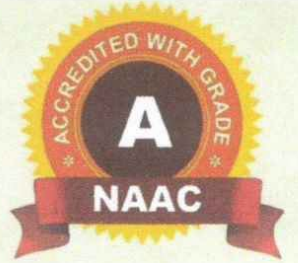
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 30 September 2023 · 🌐

Glimpses of conducted Avishkar Program 2023 at College Level in coordination with Savitribai Phule Pune University on 30 Sep 2023 at Divine College of Pharmacy Satana

Shreeshakti Shaikshanik Sanstha's  
**Divine College of Pharmacy**  
 Nampur Road, Satana.

**Avishkar: 2023-24**  
 Competition  
 (College Level)  
 In Co-ordination With  
**Savitribai Phule Pune University, Pune**  
 Date: 30-09-2023



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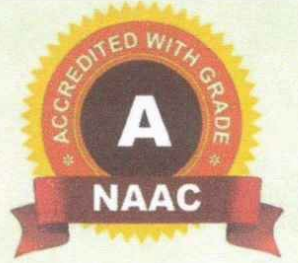
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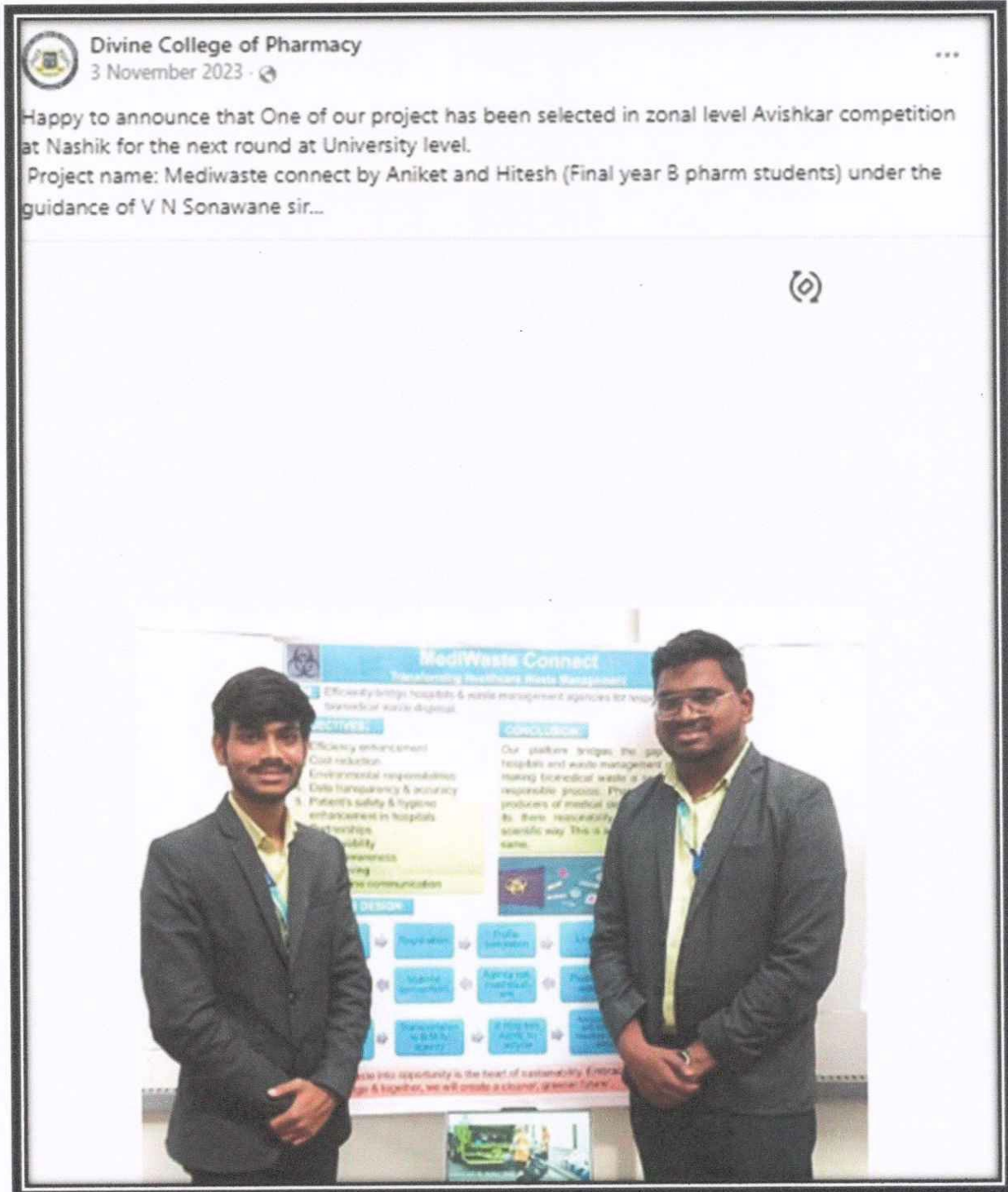
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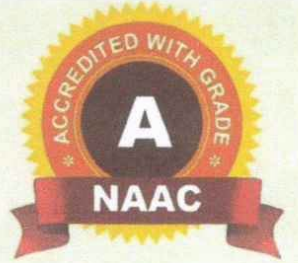
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27 December 2023 · 🌐

Congratulations to Team for Review Article Writing Competition organized by academic Decipher Mumbai 🌸🌸

## Academic Decipher, Mumbai, Presents

### CERTIFICATE OF MERIT

#### TO

#### Consolidated (Rs. 1000/-) Winner



Mr. Khemchand Surana  
Assistant Professor



Mr. Sushant Ahire  
Assistant Professor



Ashutosh V. Nikam



Kaveri N. Aher



Ashwini N. Mandawade

Divine College of Pharmacy, Satana



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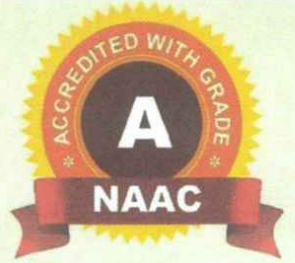
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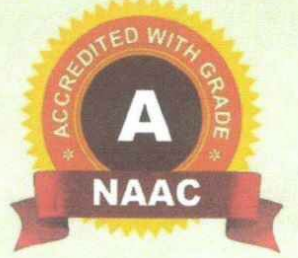
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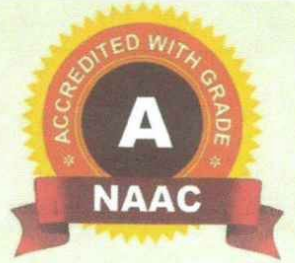
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**Divine College of Pharmacy**  
 30 September 2023

⋮

Seminar On GPAT/ NIPER Prepration organized by Divine College of Pharmacy, Satana Nashik  
 Speaker: Dr. Santosh Chhaged

## SEMINAR ON GPAT/ NIPER PREPARATION

Orgnized by DIVINE COLLEGE OF  
PHARMACY, SATANA, NASHIK

**SATUREDAY**  
30 Sept 2023

**TIME**  
12:00 PM

**SPEAKER**  
 Dr. Santosh Chhaged  
 METs Institute of  
 Pharmacy BKC Nashik

**COORDINATOR**  
 Mr. Khemchand R.  
 Surana

**CONVENER**  
 Dr. Dhananjay M. Patil



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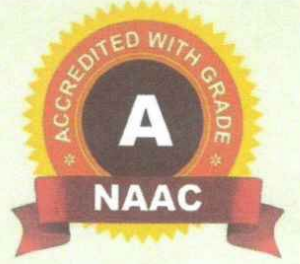
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# PROBLEM SOLVING





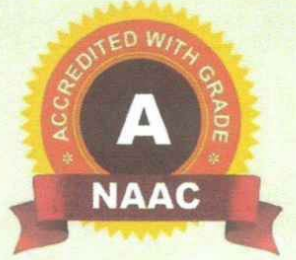
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**LIST OF PRACTICE SCHOOL PROJECT TITLE WITH SAMPLE CERTIFICATE**

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Academic year: 2023-24

**Practice School**

List of Practice school Project Titles

Name of guide: Mr. Shivraj Papat Jadhav

Sr. No.	Name of Student	Project Name
1	Yashashri Kranti Deore	A comprehensive review in drug device combination.
2	Sakshi Vikas Dashpute	Review on Artificial intelligence & machine learning in pharmaceutical industry
3	Gunjal Vaibhav Babasaheb	Review on Novel excipients
4	Pranav Kailas Jadhav	Review article on Advances in Gene Therapy: Novel Strategies for Targeted Gene Delivery and Therapeutic Applications
5	Sejal Rakesh Pagar	Review article on Blood Substitutes Haemoglobin-Based Oxygen Carriers
6	Mayur Janardan Pansare	Digital transformation in drug regulatory affairs

Name and Sign of Guide  
Mr. Shivraj P. Jadhav



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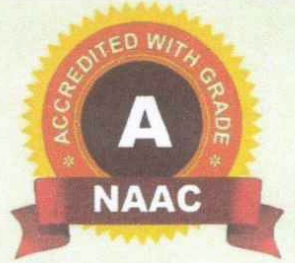


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Academic year: 2023-24

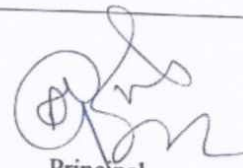
**Practice School**

Practice school Project Titles

Name of guide: Dr. D. M. Patil


Sr. No.	Name of Student	Project Name
1	Sonje Purva Dinesh	Natural Immunomodulators used in Anaemia
2	Shifa Sajid Shaikh	An review on Virosomal Drug Delivery System
3	Sonawane Sharwari Keshav	Role of Nutraceuticals in Cancer Therapy
5	Bachhav Bhushan Prabhakar	A Review on Black Seed (Nigella Sativa)

  
Name and Sign of Guide

  
Principal

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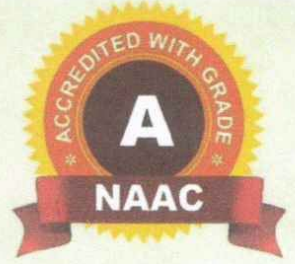
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Academic Year: 2023-24

### Practice School

Practice School Project Titles

(Final Year B Pharmacy)

Name of Guide: Dr. Chandrashekhar D. Patil

Sr. No.	Name of Student	Project Name
1	Ahire Samruddhi Kiran	Medication Effects on Heat Loss in Chronic Diseases: Global Warming Health Impact
2	Gunjal Puja Anil	Prominent Role Of Nanorobot In Human Disease
3	kasar tejasvi Madhav	Basic techniques applied in handling equipments/ apparatus/ animal in experimental pharmacology
4	Mahale Snehal	Herbal medicine as an anti-cancer
5	Shewale Disha Charandas	Review topic : Novel routes of Insulin for diabetes treatment
6	Bhavesh Sonawane	Emerging therapy for dengue
7	Bagul Harshal	-

Name and Sign of Guide  
[Dr. C. D. Patil]

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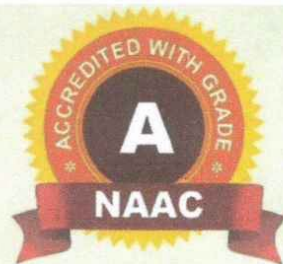
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Academic year: 2023-24

**Practice School**

Practice School Project Titles

Name of guide: Prof. Abdul Kalam

Class: Final Y. B. Pharm

Sem: VII

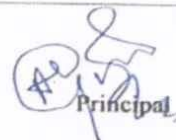
Subject Code: BP706PS

Sr. No.	Name of Student	Project Name
1	Khairnar Harshali	A Review On Nanotechnology in Cosmetics
2	Masira Saiyyad	A Review On Role of Herbs in Cosmetics
3	Hitesh Shelar	A Review On Stem Cell Therapy For the Treatment Of Various Diseases And Condition
4	Paresh Vijay sonawane	A Review On plasma therapy in various diseases
5	Sonawane Poonam	A Review On Mucoadhesive Polymers In Drug Delivery System.

Name and Sign of Guide


Ab. Kalam

(Kalam)

  
Principal,

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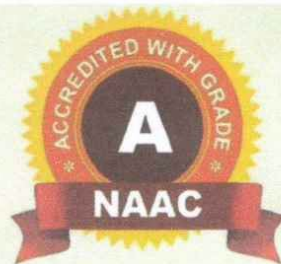
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Academic year: 2023-24

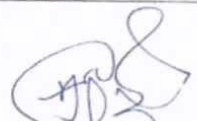
### Practice School

Practice school Project Titles


Name of guide: Miss Madhuri Daulat Davange

Sr. No.	Name of Student	Project Name
1.	Saurabh M. Nikam	Review on Advancement In Packaging Of Medicine.
2.	Kirti G. Sonare	Review on Nanotechnology In The Treatment Of Cancer.
3.	Vaibhav N. Kapadnis	Review on Drug Distribution System In Hospital.
4.	Tejas C. Sawant	Review on Polymers In Drug Delivery System.

  
(M.D. Davange)  
Name and Sign of Guide

  
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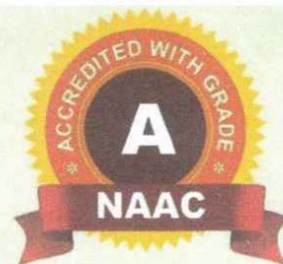
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Academic year: 2023-24

### Practice School

Practice school Project Titles


Name of guide: Prof. Jubershaha S. Fakir

Class: Final Y. B. Pharm

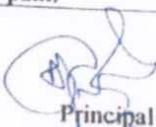
Sem: VII

Subject Code: BP706PS


Sr. No.	Name of Student	Project Name
1	Ahire Chandrakant Madhukar	Formulation and Evaluation of Clove Oil Emulgel in Pharmacological Treatment of Inflammation.
2	Ahirrao Harshada Sanjay	The Role of Dodonaea viscosa L. Extract Oil Formulation in Treatment of Rheumatoid Arthritis
3	Bagul Durva Sandip	The Role of Ficus benghalensis Prop Root Extract Oil Preparation in Treatment of Alopecia
4	Rahul Nivrutti Gunjal	The Effect of Java Plum Seed Extract syrup for Antidiabetic Activity
5	Jadhav Tejas Sahebrao	The Anti-Inflammanatory Effect of Mango Ginger Rhizome Extract Ointment in the Treatment of Joint Pain.
6	Pawara Aarti Jagan	Formulation and Evaluation of Phyllanthus emblica Linn Leaf Extract Formulation in the Management of Hepatotoxicity
7	Wagh Pratiksha Devendra	Formulation and Evaluation of Piper betel L. Extract in the Treatment of Asthmatic Cough and Osteoarthritic pain.

  
Name and Sign of Guide  
Prof. Jubershaha S. Fakir



  
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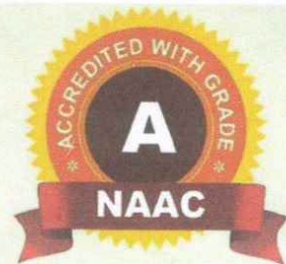
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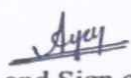
Academic year: 2023-24


**Practice School**

Practice school Project Titles

Name of guide: Ayaz Ahmad Aadam Shah

Sr. No.	Name of Student	Project Name
1	Aher jayesh sanjay	A brief review on chemistry of morphine drug.
2	Gangurde Punam Nivrutti	Furan: a promising scaffold for biological activity.
3	Jadhav Shubham Ramrao	A brief review on conjugates and synthetic approaches on dexamethasone drug.
4	More Kapil Jibhahau	Review of chromanone as a therapeutic scaffold.
5	Wakte Tejas Bhausahab	Review on new aspects of coumarin derivatives synthesized by green chemistry.
6	Yeola Vishakha Dipak	Review on: synthesis and different biological activities of thiophene.

  
Name and Sign of Guide  
Mr. Ayaz Ahmad Aadam Shah

  
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Academic year: 2023-24

**Practice School**

**Practice School Project Titles**

Name of Guide: Miss. Kajal V. Pansare

Sr. No.	Name of Student	Topic
1	Kapadne Suyog Gokul	Role of Herbal Medicine on Fungal Infection: A Review
2	Radhika Shekhar Deokar	Herbal Medicine Used in Neurodegenerative Diseases: A Concise Review
3	Khairnar Vaishnavi Bharat	New Therapeutic Intervention On Cardiovascular Diseases: A Systematic Review
4	Nikam Dishali Satish	A Review on Liquid Biopsy in Cancer
5	Nikita Nikam	Streptozotocin And Alloxan Induced Diabetic Neuropathy: A Protective Role of Natural Products.
6	Pagar Shweta Shivaba	Review on Advances In Thrombin Inhibitors
7	Solanke Rutuja Ashok	Systematic Review on Natural Products Used on Carrageenan Induced Paw Edema

Name and Sign of Guide

Miss. K. V. Pansare



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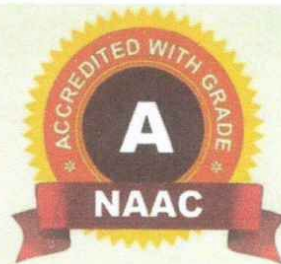
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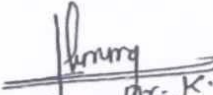
Academic year: 2023-24

**Practice School**

**Practice School Project Titles**


Name of guide: Mr. Khemchand R. Surana

Sr. No.	Name of Student	Project Name
1	Sonawane Pawan	Insilico study, synthesis and biological activity evaluation of pyrimidine analogues
2	Sonawane Sanjana	Insilico study, synthesis and biological activity evaluation of pyrimidine analogues
3	Sanket Aher	Insilico study, synthesis and biological activity evaluation of pyrimidine analogues
4	Shewale Harshada	Insilico study, Synthesis and biological activity evaluation of Benzimidazole analogues
5	Wagh Dipa	Insilico study, Synthesis and biological activity evaluation of Benzimidazole analogues
6	Jadhav Pallavi	Insilico study, Synthesis and biological activity evaluation of Benzimidazole analogues

  
Name and Sign of Guide

  
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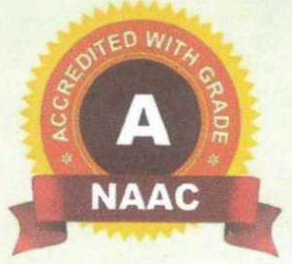
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Academic Year: 2023-24

### Practice School

Practice School Project Titles

(Final Year B Pharmacy)

Name of Guide: Mr. G. B. Sonawane


Sr. No.	Name of Student	Project Name
1	Mr. Thakare Anil Sambhaji	A Comprehensive Review on Nuclear Magnetic Resonance Spectroscopy.
2	Mr. Pagar Sumit Bhausheeb	A Review on Forced Degradation and its Regulatory Guideline: A Reliable and Necessary Tool in Stability Studies and Development of Stability Indicating Methods.
3	Mr. Gangurde Kiran Prakash	Analytical Method Development and Validation of Amlodipine Besilate both in Bulk and Marketed Formulation by A Simple UV Spectrophotometric Method.
4	Mr. Pagare Rutik Arun	A Review On Quality By Design: Modern Approach For Quality Pharmaceuticals.
5	Mr. Aniket sonawane Sunil	The Phytochemical Analysis, Extraction and Determination Of Antifungal Effect Of Cinnamaldehyde Against Some Fungal Species.

  
Name and Sign of Guide



  
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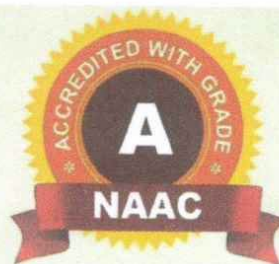
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Academic year: 2023-24

Name of subject: Practice School

Subject code: BP706PS

Name of Guide: Mr. Vijayraj N. Sonawane


Number of students allotted: 05

### List of Project Titles

Sr. No.	Name of Student	Topic
1	Mr. Mayur Ahire	Formulation and evaluation of Rubia cordifolia cream and its antimicrobial activity
2	Aniket Bairagi	Formulation and evaluation of Anti-aging Herbal Cream
3	Mr. Yash Dattu Khairnar	Formulation and evaluation of herbal syrup as an antacid
4	Yash Sanjay Khairnar	The survey of Health, disease and its treatment by analysis of small area
5	Himmat Sawant	Formulation and Evaluation of Immunobooster Herbal Chocolate

Name and Sign of Guide


Mr. V. N. Sonawane



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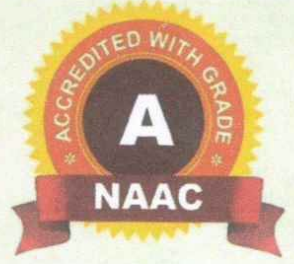
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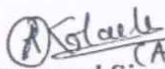
Academic year: 2023-24


**Practice School**

Practice school Project Titles


Name of guide: Aditi kokande

Sr. No.	Name of Student	Project Name
1	Gite Sanket	Cutting edging techniques for impurity profiling in pharmaceutical analysis: A brief overview
2	Thakare Nitish	Cutting edging techniques for impurity profiling in pharmaceutical analysis: A brief overview
3	Ahire Harshal	Preparation and evaluation of herbal tea used as immune booster
4	Kurhade Yash	Review and advancement of column chromatography

  
Name and Sign of Guide (Aditi kokande)

  
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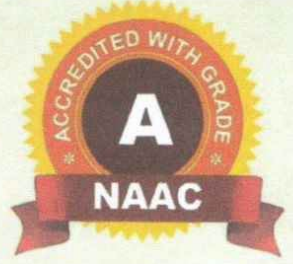
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## CERTIFICATE

This to certify that the work presented in the "A Review on kolonji seed" by Mr. **Bhushan Prabhakar Bachhav** for the partial fulfillment for the requirement for the Project of **B. Pharm** of SSS's Divine College of Pharmacy, Satana, Nashik is a record of student's own work carried out by him at Divine College of Pharmacy, Satana, Divine Campus, Nampur Road, Satana under my guidance. The results presented in the project report are of him own work.

Date: 13/12/2023

Place: Satana



*Santosh*  
External Examinee

Dr. Dhananjay M. Patil

M. Pharm., Ph. D.,

Principal

*[Signature]*  
PRINCIPAL  
DIVINE COLLEGE OF PHARMACY  
Nampur Road Satana Dist. Nashik



*[Signature]*  
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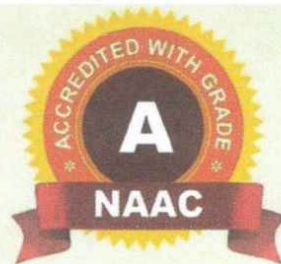
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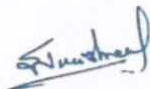
## CERTIFICATE

This is to certify that, the work presented in this thesis entitled *is* submitted in the partial fulfilment for the award of degree of "Bachelor of Pharmacy" (pharmaceutics) university of Pune, has been carried out in laboratories of Divine College of Pharmacy by Purva Dinesh Sonje the work is now ready for submission.

Date: 12.../12/2023  
Place: Satana.....

  
Mayuri P. Pol  
M. Pharm  
Ass. Professor  
Divine College of Pharmacy,  
Satana.







  
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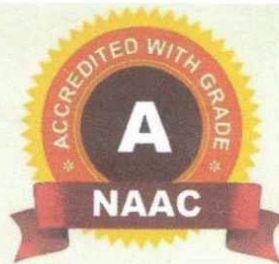
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## Certificate

This is to certify that, the work presented in this thesis entitled "*A Review On Virosomal Drug Delivery System*" is submitted in the partial fulfilment for the award of degree of "Bachelor of Pharmacy" (Pharmaceutics), University of Pune, Pune, has been carried out in the laboratories of Divine College of Pharmacy by Shaikh Shifa Sajid. The work is now ready for submission.

Date: 13-12-2023

Place: Satana



  
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DIVINE COLLEGE OF PHARMACY  
Nampur Road, Satana, Dist. Nashik-423301  
Dr. Dhananjay M. Patil

M. Pharm., Ph. D.,

Principal,

Divine College of pharmacy,

Satana

  
External Examiner



  
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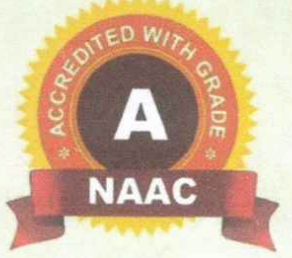
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## Certificate

This is to certify that, the work presented in this thesis entitled "*Role of Nutraceuticals in Cancer Management*" is submitted in the partial fulfillment for the award of degree of "**Bachelor of Pharmacy**" (Pharmaceutics), **University of Pune**, Pune, has been carried out in the laboratories of **Divine College of Pharmacy** by **Sharwari Keshav Sonawane**. The work is now ready for submission.

Date: 12/12/2023

Place: Satana



Miss. Mayuri Pol

M. Pharm.,

Divine College of Pharmacy,  
Satana.

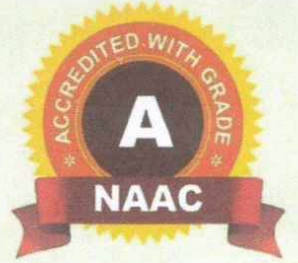
External Examiner



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## LIST OF PROJECT WORK TITLE WITH SAMPLE CERTIFICATE

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Academic year: 2023-24

Name of subject: Project Work

Subject code: BP813PW

Name of Guide: Mr. Sushant M. Ahire

Number of students allotted: 03

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Mr. Rahul Nivrutti Gunjal	"Formulation and evaluation of herbal Chewing gum for the treatment of mouth ulcer"
2	Ms. Durva Sandip Bagul	
3	Ms. Samruddhi Kiran Ahire	

Name and Sign of Guide  
 Mr. Sushant M. Ahire

Mr. Shivraj P. Jadhav  
 ARC OFFICER  
 Divine College of Pharmacy  
 Nampur Road, Satana, Dist. Nashik - 423301

DR. DHARMAJAY M. PAUL  
 DIVINE COLLEGE OF PHARMACY  
 NAMPUR ROAD, SATANA, DIST. NASHIK - 423301



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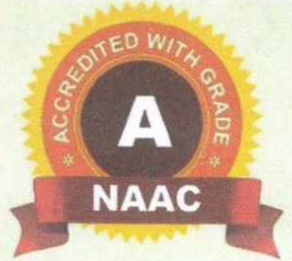
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Academic year: 2023-24

Name of subject: Project Work

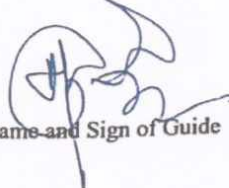
Subject code: BPBP813PW

Name of Guide: Dhananjay M. Patil

Number of students allotted: 03

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Harshada S. Ahirrao	Formulation and Evaluation of Mebeverin Mouth Dissolving Film
2	Radhika S. Deokar	
3	Suyog G. Kapadne	


  
 Name and Sign of Guide

  
 ARC  
 ARC OFFICER  
 Divine College of Pharmacy  
 Nampur Road, Satana, Dist. Nashik - 423301



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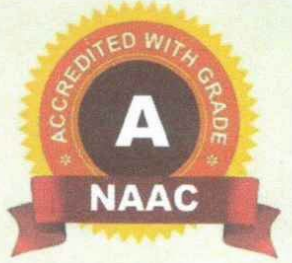
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Academic year: 2023-24

Name of subject: Project Work

Subject code: BPBP813PW

Name of Guide: Abdul Kalam


Number of students allotted: 03

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Shelar Hitesh Chandrakant	Formulation and Evaluation of Mebeverin Microsphere by using different concentration of Sodium alginate and Methyl Cellulose
2	Sonawane Paresh Vijay	
3	Sonawane Poonam Jaiparkash	

Ab. Kalam (Kalam)  
 Name and Sign of Guide

  
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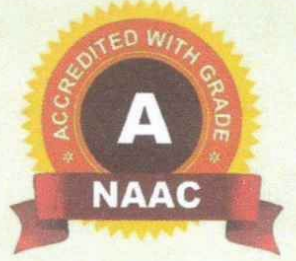
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Academic year: 2023-24

Name of subject: Project Work


Subject code: BPP813PW

Name of Guide: Mr. Vijayraj Narendra Sonawane

Number of students allotted: 06

List of Project Titles


Sr. No.	Name of Student	Title of the Project
1	Ahire Chandrakant Madhukar	Development and validation of
2	Gite Sanket Shrihari	Dissolution Method for Nebivolol
3	Wakte Tejas Bhausaheb	hydrochloride Tablet
4	Bairagi Aniket Babu	Formulation and analytical
5	Kurhade Yash Vishwanath	evaluation of Herbal antidiabetic
6	Sawant Himmat Daulat	Tablet

  
 Name and Sign of Guide  
 V. N. Sonawane

  
 ARC OFFICER  
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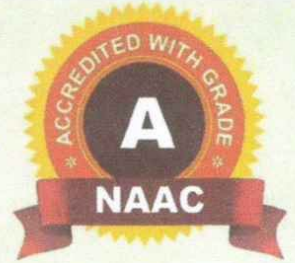
  
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Academic year: 2023-24

Name of subject: Project Work

Subject code: BPBP813PW

Name of Guide: Mr. Khemchand R. Surana

Number of students allotted: 05

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Jadhav Pallavi Sunil	Synthesis of Phenolic compounds by Greener Approach based on
2	Shewale Harshada Sanjay	
3	Wagh Dipa Bhika	Dakin Rearrangement Reaction
4	Sonawane Sanjana Nandu	Insilico study, synthesis and biological activity evaluation of some pyrimidine analogue.
5	Sonawane Pawan Ravindra	

Name and Sign of Guide

ARC  
ARC OFFICER  
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Principal  
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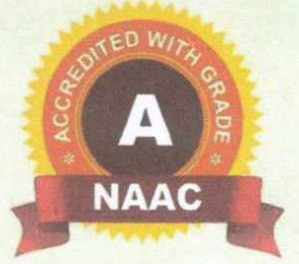
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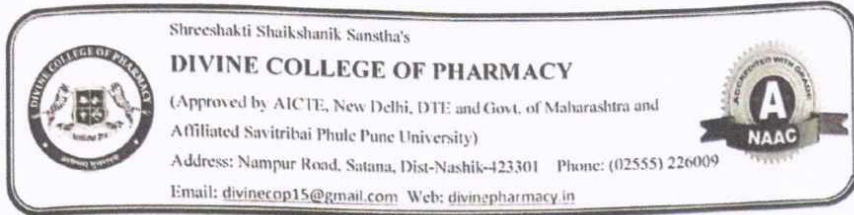
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Academic Year: 2023-24

Name of subject: Project Work

Subject Code: BP813PW

Name of Guide: Mrs. K. V. Pansare

Number of students allotted: 06

List of Project Titles


Sr. No.	Name of Student	Title of the Project
1	Mr. Jadhav Tejas Sahebrao	Formulation and Evaluation of In-vitro Antibacterial and Antifungal Activity of Herbal oil.
2	Mr. Ahire Mayur Suresh	
3	Mr. Aher Jayesh Sanjay	
4	Mr. Sonawane Bhavesh Prakash	Descriptive Survey on: "Assessment and Treatment of Pneumonia".
5	Ms. Saiyyad Masira Maksudali	
6	Mr. Kulkarni Vaibhav Prakash	

  
Name and Sign of Guide  
k.v. pansare

  
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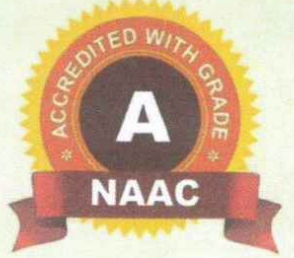
  
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Academic year: 2023-24

Name of subject: Project Work

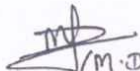
Subject code: BPBP813PW

Name of Guide: Ms. Madhuri D. Davange

Number of students allotted: 03

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Mr. Sanket Aher	Natural Toothcare : A Study on formulating and testing of herbal tooth powder with tulsi, amla, harada and some other ingredients.
2	Mr. Bhushan Bachhav	
3	Mr. Aniket Sonawane	

  
(M.D. Davange)  
Name and Sign of Guide

  
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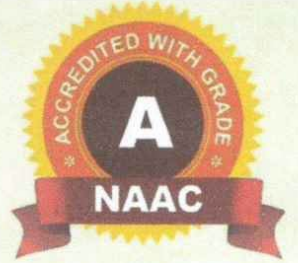
  
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Academic year: 2023-24

Name of subject: Project Work

Subject code: BPBP813PW

Name of Guide: Ayaz Ahmad Aadam Shah

Number of students allotted: 05

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Khairmar Vaishnavi Bharat	"Preparation and Evaluation of Antiinflammatory Cream From Crude Drugs"
2	More Kapil Jibhau	
3	Nikam Dishali Satish	
4	Pagar Shweta Shivaba	
5	Pagar Sumit Bhausahab	

*Ayaz*  
 Name and Sign of Guide  
 Mr- Ayaz Ahmad

*[Signature]*  
 Principal  
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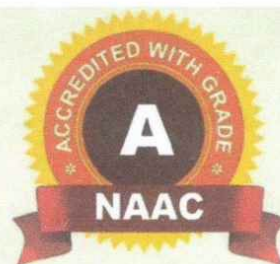
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**Academic Year: 2023-24**

**Name of subject:** Project Work  
**Subject Code:** BP813PW  
**Name of Guide:** Mr. G. B. Sonawane  
**Number of students allotted:** 02

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Ms. Sonare Kirti Gajanan	Antioxidant and Antimicrobial Activities of Crude Sorghum Extract
2	Mr. Thakare Anil Sambhaji	Extract

G. B. Sonawane  
 Name and Sign of Guide

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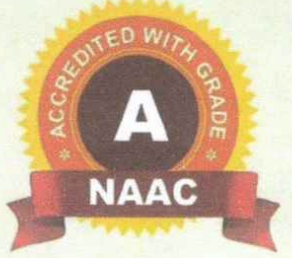
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Academic year: 2023-24

Name of subject: Project Work


Subject code: BPBP813PW

Name of Guide: Prof. Jubershaha S. Fakir (M. Pharm)

Number of students allotted: 5 Students

### List of Project Titles


Sr. No.	Name of Student	Title of the Project
1	Gangurde Kiran Prakash	"Early Prediction of Deep Vein Thrombosis in The Patients Suffering from Metabolic Syndrome By Investigation of Serum Biomarkers"
2	Jadhav Shubham Ramrao	
3	Thakare Nikit Suresh	
4	Ahire Harshal Sanjay	
5	Pagare Rutik Arun	

  
Name and Sign of Guide  
Mr. Jubershaha S. Fakir

  
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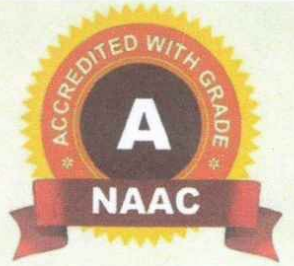
  
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Academic year: 2023-24

Name of subject: Project Work

Subject code: BPBP813PW

Name of Guide: Ms. Aditi Kokande

Number of students allotted: 04

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Mr. Vaibhav Kapadnis	"Formulation and evaluation of herbal candy for the treatment of cough"
2	Mr. Saurabh Nikam	
3	Mr. Tejas Sawant	
4	Mr. Yash Khairnar	

Name and Sign of Guide

Ms. Aditi Kokande

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Mr. Shivraj P. Jadhav  
ARC OFFICER  
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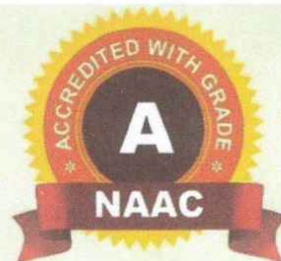
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Academic year: 2023-24

Name of subject: Project Work


Subject code: BPBP813PW

Name of Guide: Dr. Chandrashekhar D. Patil

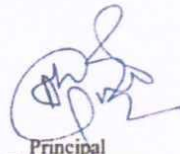
No. of students allotted: 6

### List of Project Titles


Sr. No.	Name of Student	Title of the Project
1	Punam N. Gangurde	"Formulation and evaluation of polyherbal anti-diabetic solution from natural remedy and comparison with marketed anti-diabetic formulation"
2	Puja A. Gunjal	
3	Shital J. Kendre	
4	Sharwari k. Sonawane	
5	Vishakha D. Yeola	
6	Vaishnav Kishor Nahire	Formulation and Evaluation of Herbal lip balm.

  
Name and Sign of Guide  
[ Dr. C. D. Patil ]

  
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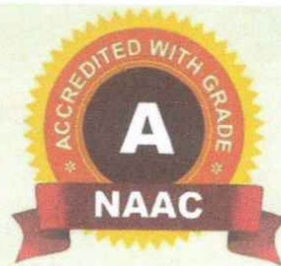
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Academic year: 2023-24

Name of subject: Project Work

Subject code: BPBP813PW

Name of Guide: Mr. Vijay V. Shewale

Number of students allotted: 12


List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Khairnar Harshali Dnyaneshvar Pawra Aarti jagan Sonje Purva dinesh	Formulation and evaluation of <i>Phyllanthus niruri</i> leaf extract in management of hepatotoxicity
2	Shaikh Shifa Sajid Nikam Nikita Satish Gangurde Rutuja Shankar Nandre Leena Bhausahab	Formulation and Evaluation of <i>Tridax procumbens</i> Herbal Soap: A Study in Natural Skincare Innovation
3	Mahale Chaitali Bhausahab Mahale Snehal Dilip More Vaishnavi Ishwar Solanke Rutuja Ashok Kasar Tejasvi Madhav	Natural Nourishment: Formulation and Evaluation of Herbal Hair Mask"

  
Shewale Vijay V.  
Name and Sign of Guide

Mr. Vijay V. Shewale

  
JRC  
Mr. Shivraj P. Jadhav

  
Principal  
Dr. Dhananjay M. Patil  
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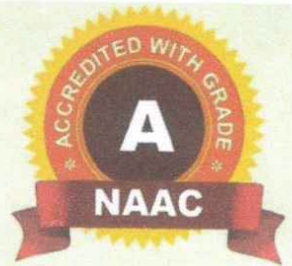
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Academic year: 2023-24

Name of subject: Project Work

Subject code: BP813PW

Name of Guide: Mr. Shivraj Popat Jadhav

Number of students allotted: 06

List of Project Titles

Sr. No.	Name of Student	Title of the Project
1	Jadhav Pranav Kailas	Formulation and Evaluation of Nifedipine Nanosuspension
2	Dashpute Sakshi Vikas	
3	Gunjal Vaibhav Babasaheb	
4	Deore Yashashri Kranti	Formulation and Evaluation of Ointment for Common Cold
5	Pagar Sejal Rakesh	
6	Pansare Mayur Janardan	

Name and Sign of Guide  
Mr. Shivraj P. Jadhav

ARC  
Mr. Shivraj Jadhav

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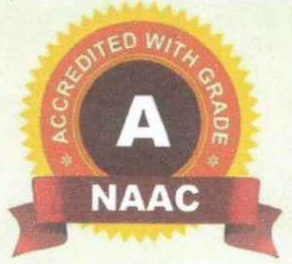
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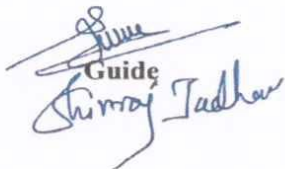
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## Certificate

This is to certify that, the work presented in this thesis entitled *"Formulation and Evaluation of Nifedipine Nanosuspension"* is submitted in the partial fulfilment for the award of degree of **"Bachelor of Pharmacy"**, Savitribai Phule Pune University, Pune, has been carried out in the Divine College of Pharmacy by **"Sakshi V Dashpue, Mayur J Pansare, Vaibhav B Gunjal"**. The work is now ready for submission.

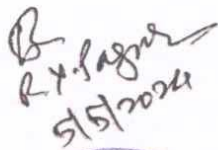
Date: 26/04/24

Place: Satana


  
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Shimraj Tadhar

  
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R.Y. Sagar  
5/5/2024



  
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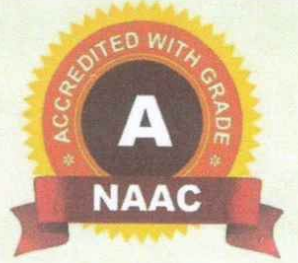
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## "FORMULATION AND EVALUATION OF POLYHERBAL ANTIDIABETIC SOLUTION FROM NATURAL REMEDY IN TREATMENT OF DIABETIC COMPARED WITH MARKETED ANTIDIABETIC FORMULATION"

A Project report submitted to  
Savitribai Phule Pune University, Pune.



By

Punam N. Gangurde,

Puja A. Gunjal,

Shital J. Kendre,

Sharwari k. Sonawane,

Vishakha D. Yeola,

(Roll no.: 16,19,29,67,74.)

In Partial Fulfilment

for the Award of the Degree of

**Bachelor of Pharmacy**

**Dr. Chandrashekhar D. Patil**

**DEPARTMENT OF PHARMACOLOGY**



**Divine College of Pharmacy,**

**Satana, Maharashtra.**

**2023-24**



Acc. No  
304



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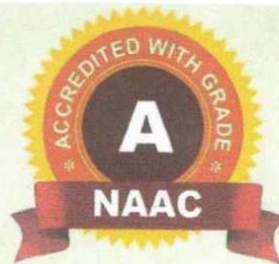
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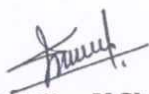
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This is to certify that, the work presented in this thesis entitled "Formulation and Evaluation of *Phyllanthus niruri* L. Leaf extract in the Management of Hepatotoxicity." is submitted in the partial fulfillment for the award of degree of "Bachelor of Pharmacy", Savitribai Phule Pune University, Pune, has been carried out in the Divine College of Pharmacy by "Harshali D.Khairnar, Aarti J. Pawara, Purva D. Sonje".  
The work is now ready for submission.

Date:

Place: Satana



  
Ass.Prof. Vijay V. Shewale  
Guide



  
Dr. Dhananjay M. Patil

Principal  
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DIVINE COLLEGE OF PHARMACY  
Nampur Road, Satana, Dist Nashik-423301

  
External Examiner



  
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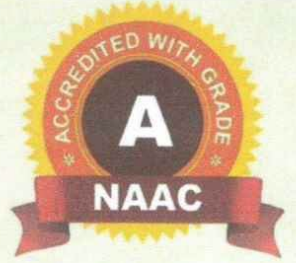
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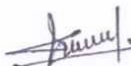
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### Certificate

This is to certify that, the work presented in this thesis entitled  
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Place: Satana

  
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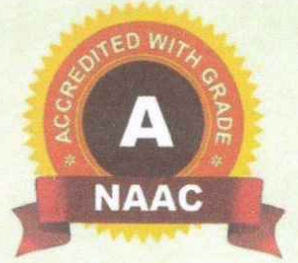
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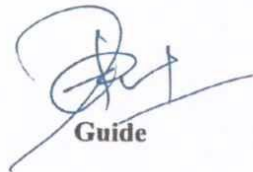
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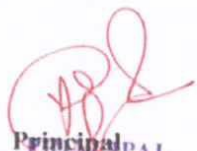
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Date: 2/05/2024


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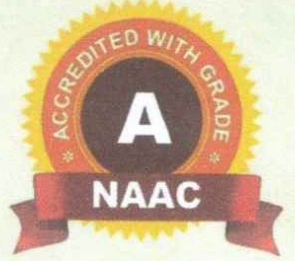
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On Occasion of  
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 Divine College of Pharmacy  
 in collaboration with  
 Baglan Chemist & Druggist Association

Organizing

PPP Renewal Camp

On 25/09/2023

VENUE

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 Nampur Road, Satana (Nashik)  
 Contact: +91 7722058006



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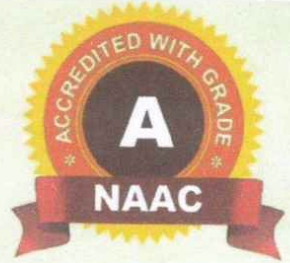
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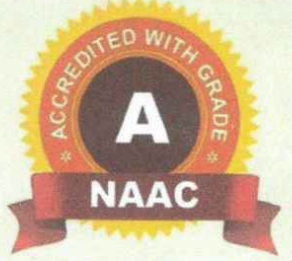
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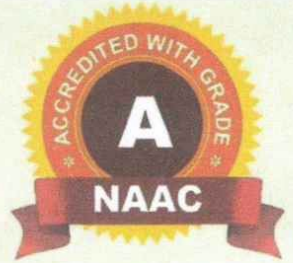
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## USE OF SOFTWARES FOR MEDICINAL CHEMISTRY PRACTICALS

 Experiment No 8 Page No.: 23  
Date: 27/12/24

**Aims-** Determination of physicochemical properties such as  $\log P$ ,  $c \log P$  etc. molecular weight by using drug design software (Mole).

**Reference:-**

- 1) H.W. Shamare, K.R. Surana, C.D. Upasani, S.T. Gadam "A textbook of computer aided drug design page No 173
- 2) John M. Hale, J. John H. Block, Wilson & Gisvold's textbook of organic medical and pharmaceutical chemistry 4th edition page No- 17-20
- 3) N.K. Vrishnavi advance practical organic chemistry 3rd edition page No- 489.
- 4) Dr S.S. Kadam, Dr. F.R. Mahadik, Dr. K.G. Bottra principle of medicinal chemistry page No 19.1 to 19.34

**Theory:-**

1) **PARTITION COEFFICIENT**

The traditional method for determining  $\log P$  is called the shake flask method. The compound of choice will be equilibrated in the 2 phase octanol-water system in a small vial. HPLC will be used to determine the conc. of compound in each phase. In integral under the peak in the HPLC chromatogram is proportional to the concentration  $C_i = k$  where  $i$  is the integral under the peak. The proportionality constant  $k$  is called the response factor.



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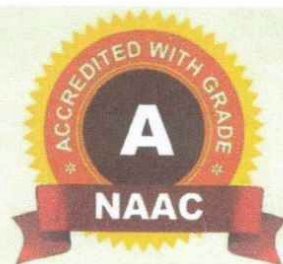
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Page No.: 24  
Date :

the ratio of the integral for the octanol and water phase will give the partition coefficient.

$$P = \frac{c_i(\text{octanol})}{c_i(\text{water})} = \frac{k_i(\text{octanol})}{k_i(\text{water})} \frac{I_i(\text{octanol})}{I_i(\text{water})} \quad \text{--- (1)}$$

in this exercise we will measure the peak width at half height from each phase to verify similar chromatographic behaviour.

⇒ molar refractivity (MR)

MR is defined by the Lorentz-Lorentz equation

$$MR = \frac{(n^2 - 1)}{(n^2 + 2)} \left( \frac{m}{d} \right)$$

where n is index of refraction  
 m = molecular weight  
 d = density.

For QSAR studies the value of MR is usually divided by 10, so that the range of typical descriptors we will use the literature value for the density in the exercise

index of refraction will be determined in this lab using an Abbe's refractometer.



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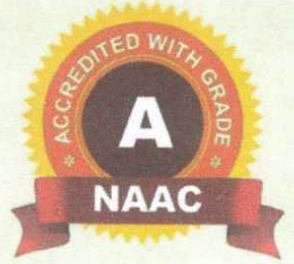
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Property calculator

Draw a physicochemical property profile for your compound in a second!  
Draw your compound, click on Calculate and browse the results immediately.

Query:  Draw molecule  molecule ID, SMILES, CAS Number, IUPAC name, InChI, InChIKey

CC(C1=CC=CC=C1)C(=O)NC(=O)N1C=O

CALCULATE

Property	Value
Mass	232.2348
logP	1.3580
H-bond acceptors	5
H-bond donors	2
Rotatable bonds	2
PSA	75.2700
RO5 violations	0
RO3	2





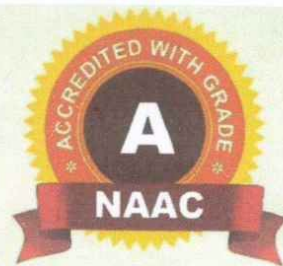
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24/03/2024, 14:21

Property	Property calculator
Atoms	Value
Allyls	20
Aromatic atoms	2
Hydrogen atoms	17
Heteroatoms	12
N/O atoms	5
Inorganic atoms	5
Halogen atoms	0
Chiral centers	0
R2C chiral centers	0
Unknown chiral centers	0
Undefined chiral centers	0
Stereo double bonds	0
Contrast stereo double bonds	0
Unknown stereo double bonds	0
Undefined stereo double bonds	0

*[Handwritten signature in red ink]*

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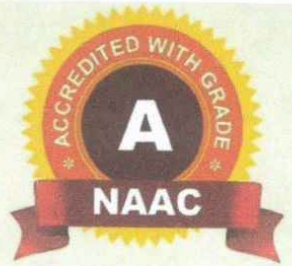
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Page No.: 25  
Date :

mcules-  
mcule : cam is an online drug discovery platform  
it offers a unique solution for pharma + biotech  
companies by providing the highest quality purchasable  
compound database and molecular modeling tools.

Results- physicochemical properties such as  $\log p$  ( $\log p_{ow}$ )  
molecular weight by using drug design software  
(mcule) was determined.

~~Amg~~  
16/03/24



  
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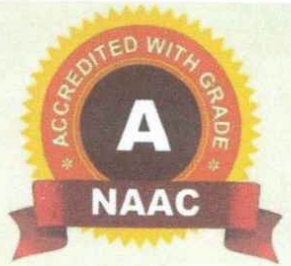
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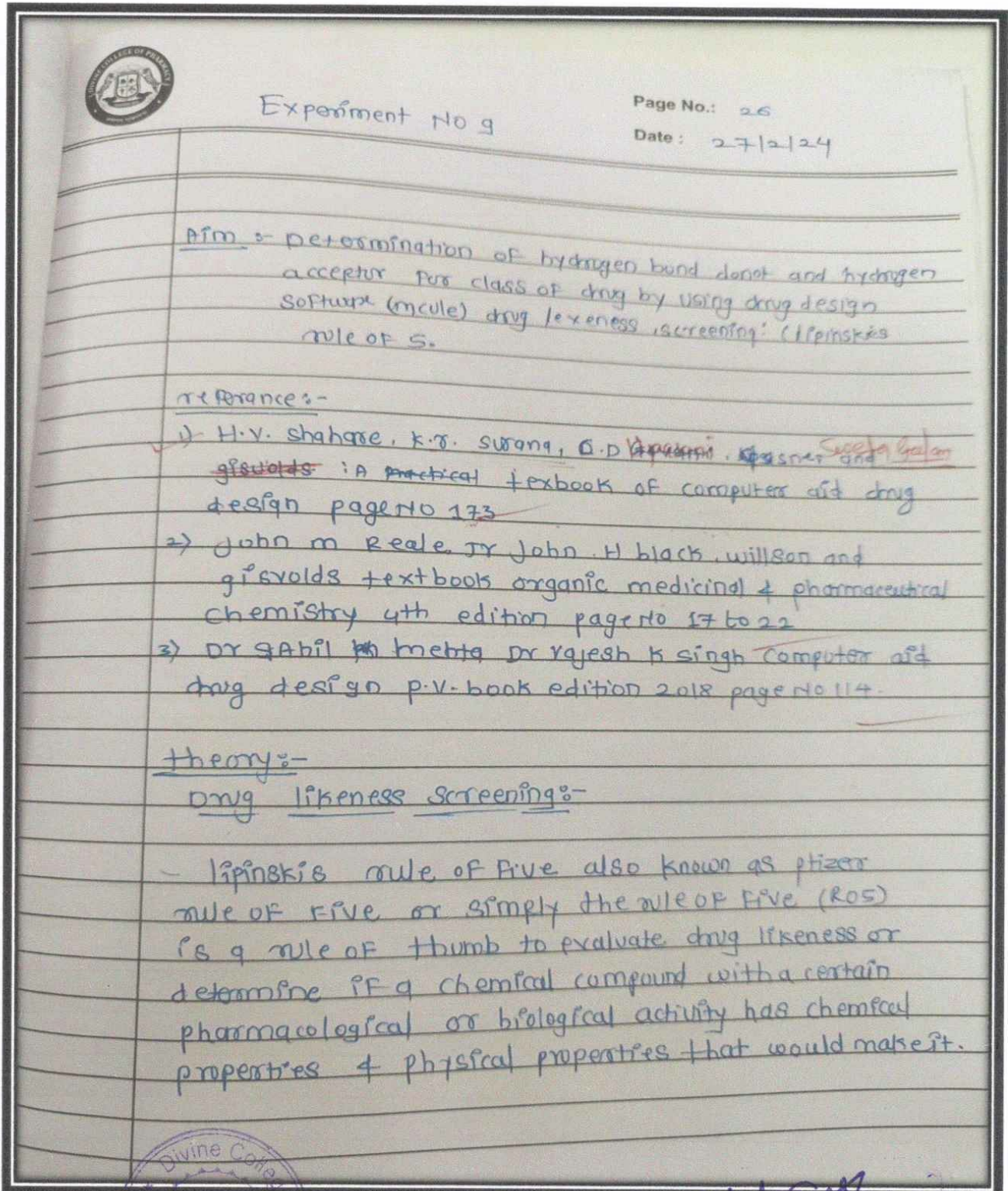
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Experiment No 9

Page No.: 26

Date: 27/2/24

Aim - Determination of hydrogen bond donor and hydrogen acceptor for class of drug by using drug design software (mole) drug likeness screening: Lipinski's rule of 5.

### References:-

- 1) H.V. shahare, K.S. Surana, G.D. ~~Vaswani~~ <sup>Saxena and Galan</sup> ~~gissolds~~: A practical textbook of computer aid drug design page No 173
- 2) John m Reale, Jr John H black, willson and gissolds textbooks organic medicinal & pharmaceutical chemistry 4th edition page no 17 to 22
- 3) Dr Sabil ~~mehta~~ Dr Rajesh K Singh Computer aid drug design p.v. book edition 2018 page No 114.

### Theory:-

#### Drug likeness screening:-

- Lipinski's rule of five also known as Pfizer rule of five or simply the rule of five (RO5) is a rule of thumb to evaluate drug likeness or determine if a chemical compound with a certain pharmacological or biological activity has chemical properties & physical properties that would make it.



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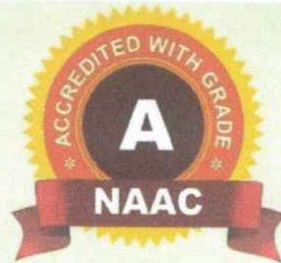
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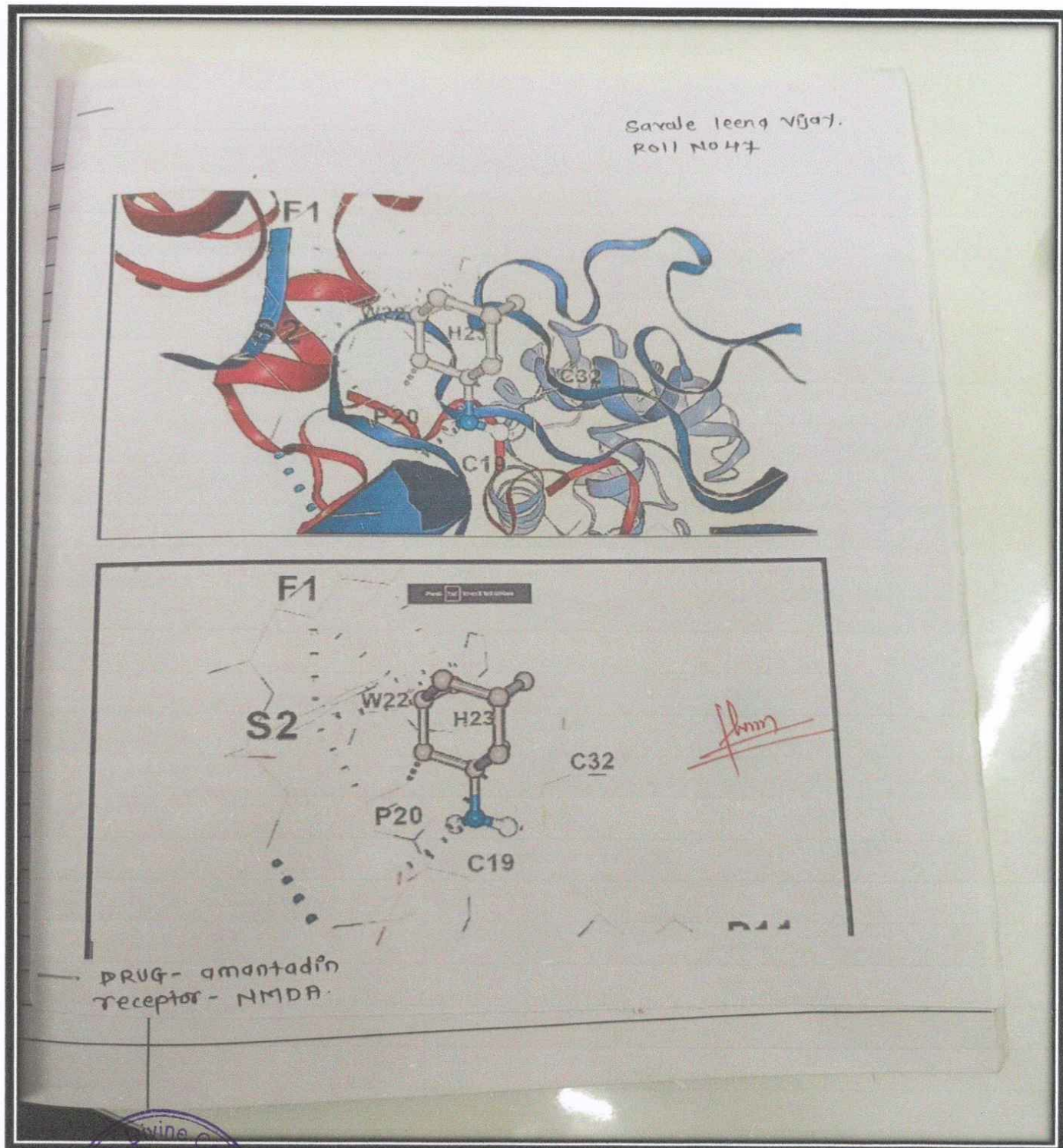
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