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# PHARMAPHILE

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Volume XI Issue I



YASHWANTRAO BHONSALE COLLEGE OF PHARMACY, SAWANTWADI  
BKC, Building no. 2, Vazarwadi, Charathe, Sawantwadi, 416510 , Sindhudurg.



## BHONSALE KNOWLEDGE CITY'S

### Yashwantrao Bhonsale College of Pharmacy

A/ P: Charathe, Tal: Sawantwadi, Dist.: Sindhudurg,  
Maharashtra- 416 510 (M.S.)

Website: [www.sybespharmacy.com](http://www.sybespharmacy.com); Email ID: [ybpharmacy@gmail.com](mailto:ybpharmacy@gmail.com)

Contact No.: 02363-272233, 272299

Vol. XI, Issue I

Approved by AICTE, PCI, New Delhi, Gov. of Maharashtra, DTE. NAAC Accredited with B+ 2.71 CGPA (1<sup>st</sup> cycle)  
Affiliated to Mumbai University (B. Pharm, M. Pharm) and MSBTE (D. Pharm)



#### CHAIRMAN'S DESK

Yashwantrao Bhonsale College of Pharmacy (YBCP) is the first ever Pharmacy College in Sindhudurg district introducing pinnacle of excellence in pharma education and research.

Bhonsale Knowledge City campus is situated amidst idyllic hills & lush green ambience to increase the harmony between study and nature. To cater the need of technical & professional education in Konkan region especially in Sindhudurg district, YBCP commenced from June 2015 with a state of art ultra-modern infrastructure offering B. Pharmacy, D. Pharmacy and M. Pharmacy courses.

Bhonsale Knowledge City is having all types of facilities like hostel, mess, canteen, sports ground, ATM & transportation. In a very short span YBCP has gained a very high reputation and public faith for its honest & transparent management.

It has taken a huge stride towards providing the advance technical education to each & every rural student of the region.



**Mr. Achyut K. Sawantbhonsale**  
**Hon. Executive Chairman**

#### PRINCIPAL'S DESK



**Dr. Vijay A. Jagtap**  
**Principal**

It gives me an immense pleasure to present before you the college information in form of newsletter. Yashwantrao Bhonsale College of Pharmacy (YBCP) is the first ever Pharmacy College in Sindhudurg district introducing pinnacle of excellence in pharma education and research. The commitment for total quality management (TQM) and discipline is prime slogan and motto of our college.

YBCP has excellent infrastructure and an experienced and dedicated team of faculty and staff. Though in its nascent stages, the Institute is well equipped and complies with all requirements of the AICTE, DTE and Mumbai University. The field of Pharmacy is redefining itself to meet 21<sup>st</sup> century healthcare needs, but at YBCP our primary focus is the integration of patient care, ethics, and knowledge. We are committed to deliver quality pharmacy education in order to develop students who will be professionally, intellectually adept and socially responsible.

So join with us to grow and to take pharmacy profession as a satisfying and rewarding career option!

#### EDITOR'S MESSAGE

We are happy to inform all the readers that we have published the 10<sup>th</sup> volume of Pharmaphile. Here at Yashwantrao Bhonsale College of Pharmacy, we believe in creating opportunities and taking up new challenges to move forward in life with zeal.

With such enthusiasm, YBCP participated in many, more achievements are certain to take place. We create opportunities everyday with our enthusiasm for life as we just do not wait for circumstances to be ideal and gain experiences which leads us towards growth.

This newsletter will be a medium to provide proper acknowledgement and respect all of these efforts and its results. This newsletter was one such cherished work that had its roots in the persuasion.

We hope you enjoy every stop of this tour of college today. We welcome your feedback and will see you again in next term with new issue.

Happy Reading !



**Ms. Supriya B. Rawool**  
**Lecturer**



**Ms. Manaswi Sawant**  
**Assistant Professor**



**Pranita Pawar**  
**Assistant Professor**

## VISION :

Provide pharmacy education to our rural students that optimizes the health and wellness of individuals and communities.

## MISSION :

1. Foster a culture of inclusivity that attracts and retains diverse student, faculty and staff.
2. Disseminate transformative pharmacy practice models through effective infrastructure and learning.
3. To enrich social values by being a torch-bearer of civility, diversity and mutual respect in our vicinity.

**5<sup>th</sup> Jan 2023 : Faculty achievement**  
- Heartiest congratulations to author Ms. Rakshanda Khorjuvenkar for publishing her research article in RASAYAN journal of chemistry, 2022.

**RASAYAN J. Chem.**  
Vol. 15 No. 4 (2022-2023) October - December | 2022  
ISSN: 0974-1480 | e-ISSN: 0970-0081 | CODEN: RASAP  
http://www.rasayanjournal.com  
http://www.rasayanjournal.in

**A NOVEL UV SPECTROPHOTOMETRIC METHOD FOR SIMULTANEOUS ESTIMATION OF METOPROLOL TARTRATE AND ATORVASTATIN CALCIUM BASED ON ABSORBANCE CORRECTION PRINCIPLE**

P. Shekar, C. Nazareth\*, R. Khorjuvenkar, O. Pinto, G. Kamat and B. Nalik  
Department of Pharmaceutical Chemistry, P.E.S.'s Rajaram and Tarabai Bundekar College of Pharmacy, Farmagudi, Ponda, Goa, India.  
\*Corresponding Author: rakshanda@yashwantrao.com

**ABSTRACT**  
A novel, economical UV spectrophotometric method for the simultaneous estimation of metoprolol and atorvastatin has been developed based on the absorbance correction principle. UV Spectrophotometric method are rapid and economical and the absorbance correction principle is increasingly being employed for analysis as a convenient UV method of analysis. Metoprolol was used as solvent and water as diluent throughout the analysis. The wavelengths of 214.4 nm (λ<sub>max</sub>) of atorvastatin and 227.4 nm (λ<sub>max</sub>) of metoprolol were selected as λ<sub>1</sub> and λ<sub>2</sub> respectively. The method was validated as per ICH guidelines and was found to be accurate, precise, sensitive, and robust. The % mean value for the synthetic mixture was found to be 99.50% for metoprolol and 98.76% for atorvastatin which was within the acceptance value of 99 - 100%. The developed UV spectrophotometric method is a valuable quality control test in analysis.

**Keywords:** Metoprolol Tartrate, Atorvastatin Calcium, Absorbance Correction Principle, Method Validation, ICH Guidelines.

**INTRODUCTION**  
Two potent factors fundamental to cardiovascular diseases are hyperlipidemia and hypertension. These are the leading causes of death in the world today. Fasted state concentrations are in demand today due to convenience, better patient compliance, and fewer side effects. Metoprolol tartrate (MET) (Fig-1) and atorvastatin calcium (ATV) (Fig-2) are used for the treatment of hypertension associated with hyperlipidemia. Literature survey reveals that some spectroscopic methods<sup>1-3</sup> and chromatographic methods like GC-MS<sup>4-6</sup>, RP-HPLC<sup>7-10</sup> have been reported for the analysis of metoprolol tartrate and atorvastatin calcium either individually or in combination. There has been a renewed interest in UV Spectrophotometric methods due to its simplicity, being economical and rapid. The absorbance correction principle is increasingly being employed for analysis as a convenient UV method of analysis. Hence, the development of a cost-effective, UV method for the simultaneous estimation of the two drugs based on the Absorbance Correction Principle would be beneficial in the analysis of the drugs.

**EXPERIMENTAL**  
Active pharmaceutical ingredients, metoprolol tartrate, and atorvastatin calcium were obtained as gifts from three named Life sciences Ltd., Bangalore, Karnataka, India and F&B Cables, Kandam, Goa, India respectively. Methanol AR grade was used as a solvent and distilled water was employed as diluent throughout the analysis.

Rasayan J. Chem., 15(4), 2022-2023(2022)  
http://dx.doi.org/10.31788/RJC.2022.1547054

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**5<sup>th</sup> Jan 2023 : Faculty achievement**  
- Heartiest congratulations to author Ms. Rakshanda Khorjuvenkar for publishing her review article in Ayurvedic remedies for the heart disease, 2023.

**3** **ANGINA PECTORIS: MANAGEMENT THROUGH AYURVEDA**

Dr. Celina Nazareth, Dr. S.N. Mamle Desai, Rakshanda S. Khorjuvenkar\*, Vanessa Garcia, PES's Rajaram and Tarabai Bundekar College of Pharmacy, Farmagudi, Ponda, Goa, India.  
\*rakshanda312@gmail.com, +91 7774908191

**ABSTRACT**  
Ayurvedic medicines have been used for centuries for various illnesses. Same way it has also been used to treat cardiovascular diseases like angina pectoris, this review discusses the remedies of angina pectoris. Angina pectoris is a medical condition of low oxygen supply to the heart. Major factors responsible include consuming alcohol, eating fast food and cigarette smoking. This review includes symptoms, diagnosis and pathophysiology of the disease. Later it includes the allopathic medicines used for this condition and Ayurvedic herbs are discussed in detail.

**INTRODUCTION**  
Angina pectoris occurs when the heart is supplied with less amount of oxygenated blood. This happens due to the blocking of the blood vessel with cholesterol which reduces the path width of the blood vessel. This mostly leads to a heart attack when the blockage is around 90 to 100% in the blood vessel. The best method to prevent angina is doing yoga, eating healthy diet, stop smoking, avoiding alcohol consumption and reducing the stress.

**CAUSES**  
The common cause of angina pectoris is thickening of the wall of blood vessels with cholesterol and restricting the amount of blood which flows through the blood vessel. Symptoms only occur when there is a need for increased blood flow to the heart like during any exercise, running and when the person is under a lot of stress.

Due to reduced size of blood vessel the supply of oxygen is limited so there is severe pain in the chest area.

These symptoms may also occur when the person is at rest which maybe a severe cause of angina pectoris.

**Types:-**

**1. Stable angina**  
This is the most common type of angina which occurs. This angina is predictable. This occurs with the majority of the people. In this there are occurrences of symptoms while doing exercise, during running and working under stressful conditions. These symptoms last for only 5mins. The patient can be stabilised by giving appropriate medication like nitroglycerine under the tongue.

**AYURVEDIC REMEDIES FOR THE HEART DISEASES**

**6<sup>th</sup> Jan 2023 : Orientation**  
program of 1<sup>st</sup> year D Pharmacy batch 2022-2023

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
**YASHWANTRAO BHONSALE COLLEGE OF D. PHARMACY**  
Sawantwadi, Sindhudurga, Maharashtra  
Jointly Organized

**ORIENTATION PROGRAM**  
06<sup>th</sup> Jan. 2023  
Time: 10.00 to 01.00 pm  
Venue: Seminar Hall YBCP

**F.Y.D. PHARMACY BATCH 2022-23**

**Dr. Vijay A. Jagtap** (Principal), **Mr. Sayaji P. Sathe** (Coordinator), **Mr. Denkar M. Pradip** (HOD), **Ms. Sneha A. Madgankar** (Event Coordinator), **Ms. Smita B. Pawar** (Event Coordinator)

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**7<sup>th</sup> Jan 2023 : A seminar on women empowerment under DLLE Unit along with CWD cell.**

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
DLLE UNIT OF SENSE CLUB AND CWD OF YASHWANTRAO BHONSALE COLLEGE OF PHARMACY ORGANIZES

**SEMINAR ON WOMEN EMPOWERMENT**

Venue: Seminar hall, Yashwantrao Bhonsole College of Pharmacy on Saturday 7th Jan Time: 11 am to 12 am

**Dr. Vijay A. Jagtap** (Principal), **Ms. Sheetal Samant** (Extension teacher), **Ms. Rashmi mahabali** (Extension teacher), **Mrs. Manjusha Shripad Gurav** (B.L.S LL.B President of Om Charitable trust)

Student manager: Snehal uparkar

**9<sup>th</sup> Jan – 14<sup>th</sup> Jan 2023 : Heartiest congratulations to faculty members for participating in the UGC-HRDC, Mumbai sponsored short-term course.**

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
Charatke, Vazwadi, Sawantwadi, Dist. Sindhudurg, 41610

**Heartiest Congratulation**

To Faculty Members for Participated in the University Grants Commission (UGC) - Human Resource Development Centre of the University of Mumbai Sponsored Online Short Term Courses

**Ms. Aishwarya L. Thakur** (Renewable Energy and Green Technology, 28<sup>th</sup> to 31<sup>st</sup> December 2022)

**Ms. Sneha J. Sawant**

**Mr. Mayuresh R. Redkar** (Data Analytics for Research, 09<sup>th</sup> to 14<sup>th</sup> January 2023)

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
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**6<sup>th</sup> Jan 2023 : Fresher's welcome ceremony for the 1<sup>st</sup> year D Pharmacy batch 2022-23.**

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
**YASHWANTRAO BHONSALE COLLEGE OF D. PHARMACY**  
Sawantwadi, Sindhudurga, Maharashtra  
Jointly Organized

**It is our pleasure to invite you all for FRESHERS WELCOME 2022-23**

**RISEING STARS**

Venue: Seminar Hall YBCP  
Date: 06<sup>th</sup> JAN. 2023  
Time: 01.00 To 05.00 pm

**Dr. Vijay A. Jagtap** (Principal), **Mr. Sayaji P. Sathe** (Coordinator), **Mr. Denkar M. Pradip** (HOD), **Ms. Sneha A. Madgankar** (Event Coordinator), **Mrs. Kanta Anish Sawant** (Event Coordinator)

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## 10<sup>th</sup> Jan 2023 : NSS cell under SPANDAN club organizes Guest lecture on 'Malehood Awakening'

**NSS CELL OF YASHWANTRAO BHONSALE COLLEGE OF PHARMACY, SAWANTWADI**  
In collaboration with  
**NIRAMAY VIKAS KENDRA, KOLGAON**  
Jointly organized

Guest lecture on  
**पुरुषभान जगवताना**

**10<sup>th</sup> Tuesday Jan. 2023 10.00 am**

**GUEST SPEAKER**  
**Dr. Gitali Vinayak Mandakini MSc Ph.D**

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
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## 10<sup>th</sup> Jan 2023 : DLLE cell under SENSE club organizes awareness session on 'Gender sensitisation: a tool to bridge gap'

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY, SAWANTWADI**  
AWARENESS SEMINAR ON  
**GENDER SENSITIZATION**  
Tuesday, 10<sup>th</sup> January 2023, time: 3 to 4 PM, venue: Seminar hall

**DR. Rupesh Patkar Psychiatrist**

**DR. VIJAY A. JAGTAP** PRINCIPAL  
**DR. KASHMIRI** YASHWADI  
**DR. SURESH** SAWANT

Student manager: Sanjana Sawant & Siddharth Topale

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## 11<sup>th</sup> Jan 2023 : "Orientation Program" for the First Year B. Pharm. & First year M. Pharm. students of Batch 2022-2026 and 2022-2024.

**MENTORING CELL OF YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
Sawantwadi, Sindhudurg, Maharashtra  
**ORIENTATION PROGRAM**  
**AAL 122 WELL**  
F.Y.B.Pharm, Direct S.Y.B.Pharm & F.Y.M.Pharm students  
Introduction to Curriculum, Syllabus & YBCP, BKC culture

**11<sup>th</sup> Jan. 2023**  
Time: 10:30 am onwards  
Venue: Seminar Hall YBCP

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
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## 16<sup>th</sup> Jan 2023 : Heartiest Congratulations to Author Vinod S. Mule for publishing his research article.

**Effect of Ficus lacour Buch. Ham. Fruit Extract on Dexamethasone Induced Insulin Resistant Rats**

**ABSTRACT:** Ficus lacour Buch. Ham. was evaluated for its antidiabetic efficacy in dexamethasone induced insulin resistant rats. Extracts of Ficus lacour Buch. Ham. were prepared in the form of fruit extract, stem extract, and leaf extract. The fruit extract was found to be most effective in reducing the blood glucose levels in dexamethasone induced insulin resistant rats. The stem extract was found to be most effective in reducing the blood glucose levels in dexamethasone induced insulin resistant rats. The leaf extract was found to be most effective in reducing the blood glucose levels in dexamethasone induced insulin resistant rats.

**KEYWORDS:** Ficus lacour Buch. Ham., Dexamethasone, Antidiabetic, Lipid profile, Glycogen.

**INTRODUCTION:** Diabetes mellitus (DM) is a group of diseases characterized by high blood glucose level in result of abnormal metabolism of carbohydrates, lipid and fat. It is a chronic disease which is a leading cause of morbidity and mortality. Type 1 diabetes mellitus is an autoimmune disease which is characterized by the destruction of the insulin producing beta cells of the pancreas. Type 2 diabetes mellitus is a non-autoimmune disease which is characterized by the resistance to the action of insulin. The World Health Organization (WHO) estimates that 17 million people are suffering from the chronic disease.

**CONCLUSION:** One of the major reasons causing many deaths globally is complications associated with DM. The long-term diabetes mellitus may result in many more and severe vascular complications and associated chronicity. The complications associated with DM are the leading cause of morbidity and mortality. The complications associated with DM are the leading cause of morbidity and mortality. The complications associated with DM are the leading cause of morbidity and mortality.

## 12<sup>th</sup> Jan 2023 : Glimpse of Guest lecture on 'Awareness in Consumer rights and financial literacy' organized by PLAN B Club & E Cell of Yashwantrao Bhonsale College of Pharmacy, Sawantwadi in collaboration with Consumer Guidance Society of India.



## 11<sup>th</sup> Jan 2023 : Heartiest congratulations to Amit R. Lakhe for his participation in the one-day national workshop.

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
Sawantwadi, Sindhudurg, Maharashtra.

**Heartiest Congratulation**

**Mr. Amit R. Lakhe**  
Librarian  
Yashwantrao Bhonsale College of Pharmacy

For participating in the One Day National Workshop on "IMPLEMENTATION OF NATIONAL DIGITAL LIBRARY FOR COLLEGE LIBRARIES" held by Shri Swami Vivekananda Shiksha Sanstha's Smt. Akkatal Ramgopal Patil Kanya Mahavidyalaya, Ichalkaranji in association with Bhogawati Shiksha Prasarak Mandal's Bhogawati College, Kurkuli on Tuesday December 20th, 2022

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**11<sup>th</sup> Jan 2023 :** Glimpse of “Fresher's Welcome Ceremony - AARAMBH” for the First Year B. Pharm. Batch 2022-2026 and F. Y. M. Pharm Batch 2022-2024



**14<sup>th</sup> Jan 2023 :** Antiragging Awareness Camp



**14<sup>th</sup> Jan 2023 :** NSS Volunteers of SYBPharm Mr. Aniket Rathod and Ms. Chaitanya Parkar has participated in 12 days “APADA MITRA” Disaster management workshop organized by New Delhi & State Disaster Management Authorities, Maharashtra in collaboration with Sindhudurg District Disaster Management Authorities Sindhudurg.

**14<sup>th</sup> Jan 2023 :** PLAN B Club of YBCP organized Ideathon: Idea itching Competition on theme ‘Society needs and advancement in Rural India’.



PLAN B CLUB & INSTITUTE'S INNOVATION COUNCIL  
YASHWANTRAO BHONSALE  
COLLEGE OF PHARMACY, SAWANTWADI

**IDEATHON:  
IDEA  
PITCHING  
COMPETITION**

Theme: Society Needs & Advancement in Rural India

**14<sup>th</sup> Jan. 2023**  
Time: 03.00 to 05.00 pm  
Venue: Board Room 1057  
Targeted groups: B. Pharma & M. Pharma

Dr. Vijay A. Jagtap  
Dr. Rohan K. Borse  
Mr. Kamal S. Bhosale  
Ms. Gaurav K. Sonawar

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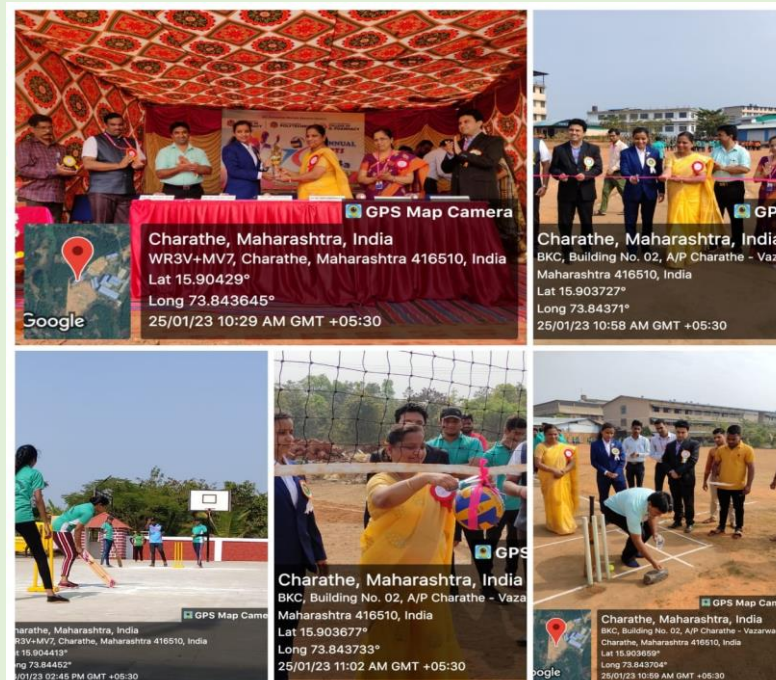
**20<sup>th</sup> Jan 2023 : Heartiest congratulations to final year students (Class 2021) viz. Kavitar GP, Karangutkar DR, Karpe AS, Kashalikar RS, Khan RJ along with Bandekar SS, Jagtap VA for their publication in International Journal of Pharmaceutical Research and Applications**



**20<sup>th</sup> – 22<sup>nd</sup> Jan 2023 : Glimpses of PG-Pharmaceutics students of YBCP's research work posters presentation at 72<sup>nd</sup> Indian Pharmaceutical Congress (IPC 2023) at Nagpur.**



**25<sup>th</sup> Jan – 1 Feb 2023 : SPORTS FIESTA 2023**



**22<sup>nd</sup> Jan 2023 : Heartiest Congratulations to Ms. Tejasvi Kadu from TYBPharm (Div B) for her participation in State Level poem reading competition at Vagde, Tal- Kankavli.**



**25<sup>th</sup> Jan 2023 : National Voters Day**

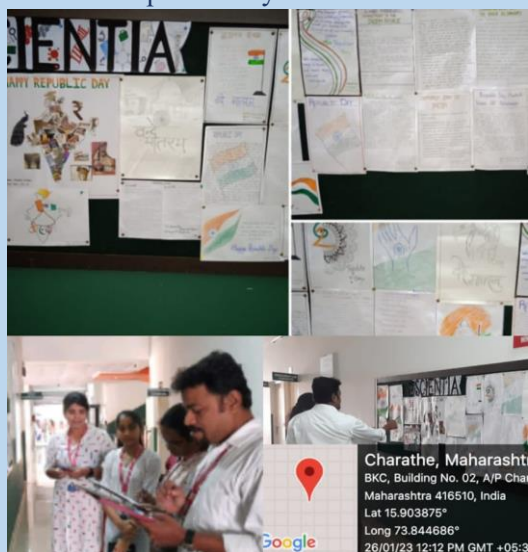




26<sup>th</sup> Jan 2023 : 74<sup>th</sup> Republic Day



26<sup>th</sup> Jan 2023 : Glimpses of Activity conducted by Window Display Committee YBCP, in collaboration with Rotary Club, Sawantwadi on account of Republic Day



31<sup>st</sup> Jan 2023 : YBCP and YBDP has renewed their MoU with SG Phyto Pharma Pvt. Ltd and Patco Pharmaceuticals Pvt. Ltd. Kolhapur.



26<sup>th</sup> Jan 2023 : संस्थेच्या सांस्कृतिक सभागृहाचे कार्याध्यक्ष मा.अच्युत सावंतभोसले यांच्या हस्ते औपचारिक उद्घाटन



2<sup>nd</sup> Feb 2023 : Final Year B. Pharm students of YBCP won prize in Street Play Competition in UDAAN 2023 organized by DLLE, University of Mumbai at Dodamarg, Sindhudurg.





**2<sup>nd</sup> Feb 2023 :** Glimpse of "Fruit / Vegetable Carving Competition" held during cultural Event, 'Euphoria- 2023'.



**2<sup>nd</sup> Feb 2023 :** Glimpse of "Face Painting Competition" held during cultural Event, 'Euphoria- 2023'



**2<sup>nd</sup> Feb 2023 :** Glimpse of "Art Gallery" held during cultural Event, 'Euphoria- 2023'



**2<sup>nd</sup> Feb 2023 :** Glimpse of "Reel making competition" held during cultural Event, 'Euphoria- 2023'



**3<sup>rd</sup> Feb 2023 :** Glimpse of "Best out of waste competition" held during cultural Event, 'Euphoria- 2023'





### 3<sup>rd</sup> Feb 2023 : Glimpse of “Bollywood Hollywood Day” held during cultural Event, 'Euphoria- 2023'



### 3<sup>rd</sup> Feb 2023 : Glimpse of “Collage making Competition” held during cultural Event, 'Euphoria- 2023'



### 4<sup>th</sup> Feb 2023 : Glimpse of “BKC Premier League - 3”.



### 6<sup>th</sup>-7<sup>th</sup> Feb 2023 :

Wenyan scholarship recipient Ms. Swapnali Sunil Gawas (M pharm, Second Year) visited for Official Announcement of scholarship at BASF India Ltd. on dated 6<sup>th</sup> & 7<sup>th</sup> February 2023. She interacts with senior scientist of BASF and Eternis Fine Chemicals Ltd, Kurkumbh.



### 7<sup>th</sup> Feb 2023 : Glimpse of EUPHORIA

**Euphoria 2023**  
Annual Day Celebration

Venue : Auditorium Hall  
To be held on Tuesday 07<sup>th</sup> Feb. 2023  
At : 03.00 pm.

**Guest :** Adv. Mr. Dilip Narvekar  
President  
Ravi Jankheshwar Vaidyashis Sanshodhan Sanstha

**HON. MR. ACHYUT K. SAWANTHONSALE**  
Executive Chairman

**HON. ADV. MRS. ASMITA A. SAWANTHONSALE**  
Chairman

**HON. MR. SANJEEV I. DESAI**  
Secretary

**HON. MRS. SUNETRA K. PHATAK**  
Administrative co-ordinator

**DR. VIJAY A. JAGTAP**  
Principal, YBCP

**MR. SATYAJIT P. SATHE**  
Principal, YBCP

**Mrs. Pranali Joshi**  
Coordinator  
Yashwantrao Bhanusa College of Pharmacy

**Mrs. Kavita Sawant**  
Co-ordinator  
Yashwantrao Bhanusa College of Pharmacy

**Mrs. Advika Arulkar**  
Co-ordinator  
Yashwantrao Bhanusa College of Pharmacy

we look forward to your presence on the day





7<sup>th</sup> Feb 2023 : Glimpse of "Inauguration of Pharmaphile"7<sup>th</sup> Feb 2023 : Glimpse of "Ideathon Certificate Distribution"12<sup>th</sup> Feb 2023 : Glimpse of 5<sup>th</sup> National Symposium on Medicinal and Pharmaceutical Sciences.



**14<sup>th</sup> Feb 2023 :** Heartiest Congratulations to all First Year M Pharmacy students for successfully completion of Sem II, Mumbai University End Sem Examination 2022.

TAP RANKERS

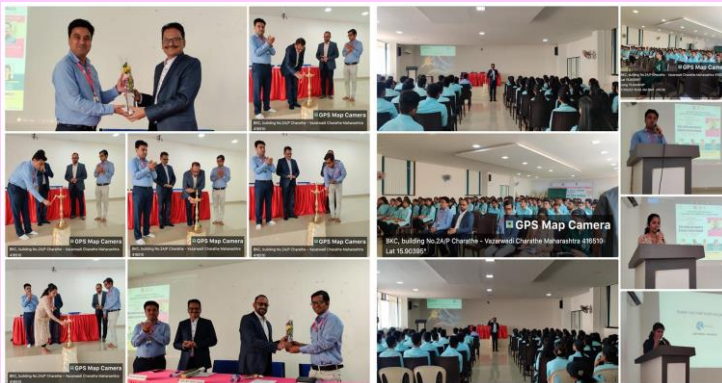
Shri Yashwantrao Bhonsale Education Society's  
**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**

**First Year M. Pharmacy SEM-II**

1  Ms. Madhuri S. Dhure GPA-8.38	1  Ms. Swapnali S. Gawas GPA-8.38	2  Ms. Tanvi A. Shaikh GPA-7.92
3  Mr. Jatin A. Tekawade GPA-7.77	4  Ms. Riya A. Vernekar GPA-7.46	5  Mr. Rushikesh V. Lankate GPA-7.38

Mumbai University Exam July-2022

**17<sup>th</sup> Feb 2023 :** Glimpse of Seminar on : "Employee Skills and Development"



**17<sup>th</sup> Feb 2023 :** Congratulations to Ms. Tejasvi Kadu from TYBPharm, Div B for participating in taluka level elocution competition organized by Aai Seva Charitable trust, Padave, Sindhudurg at New English School, Bhedshi, Dodamarg and also for getting selected at district level.



**17<sup>th</sup> Feb 2023 :** Glimpse of Seminar on : "Soft skills you need to achieve Career Growth "



**19<sup>th</sup> Feb 2023 :** Glimpse of Shivjyanti

**शिवजयंती**

प्रति, श्री. योगेश्वर जगन्नाथ

यशवंतराव भोंसले नॉलेज सौरीय,

चा वार्षिक शिव जयंती सोहळा दि. 19/02/2023 रोजी सकाळी 1.00 ते दुपारी 12.00 वाजता भोंसले नॉलेज सौरीय भव्य सभागृहात आयोजित करण्यात आलेला आहे. आपल्या उपस्थितीने या कार्यक्रमाची शोभा वाढेल, तरी आपणा सर्वांची उपस्थिती प्रार्थनीय आहे...

प्रमुख उपस्थिति  
अॅड. सी. अश्विनी सावंतभोंसले  
1) अश्विनी (यशवंतराव भोंसले एम्प्लूकेल सोसायटी)  
2) मा. श्री. अच्युत सावंतभोंसले कार्याध्यक्ष (यशवंतराव भोंसले एम्प्लूकेल सोसायटी)  
3) मा. श्री. संजीव देसाई सचिव (यशवंतराव भोंसले एम्प्लूकेल सोसायटी)

**BHONSALE KNOWLEDGE CITY**

To, NB delegacy Bf

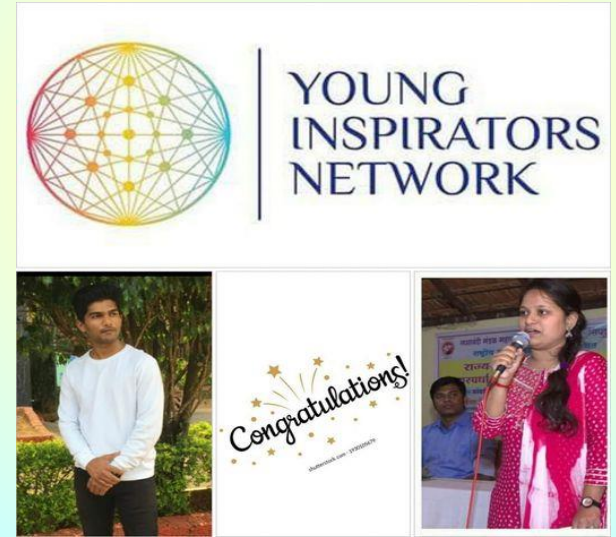




19<sup>th</sup> Feb 2023 : छत्रपती शिवाजी महाराज जयंती निमित्त सिंधुदुर्ग जिल्ह्यातील सिंधु रनर टीम ने एक आगळा वेगळा उपक्रम राबवला. यशवंतराव भोसले फार्मसी चा ऋषिकेश विश्वास लवटे ने सिंधुदुर्ग किल्ला (मालवण) ते सावंतवाडी (आरमार) सुमारे ६६ किमी अंतर धावकांनी न थांबता तब्बल ८ तास आणि १६ मिनिटांत हाती शिवज्योत घेऊन पार केला.



19<sup>th</sup> Feb 2023 : Heartiest congratulations to Ybcpians Mr. Prashant Neugure and Ms. Tejaswini Kadu Third Year B. Pharm for elected as a YIN President and Vice-President Sindhudurg District respectively.



22<sup>nd</sup> Feb 2023 : MoU signed between The IPA-MSB's Bombay College of Pharmacy, Mumbai and Yashwantrao Bhonsale College of Pharmacy.



26<sup>th</sup> Feb 2023 : Glimpses of Expert Talk on GPAT Exam Preparation and Guidance



27<sup>th</sup> Feb 2023 : “रयतेचे राजे, शिवराय आमचे” व्याख्यान





२७ फेब्रुवारी २०२३ : मराठी  
राजभाषा दिन




# यशवंतराव भोसले कॉलेज ऑफ फार्मसी

म

## यशवंतराव भोसले कॉलेज ऑफ डी. फार्मसी

भोसले मेडिकल सिटी, चव्हाणवाडी, चेन्नई, तामिळनाडू

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॥

## मराठी राजभाषा दिनानिमित्त

दि. २७ सप्टेंबरी २०२३

आयोजित

निबंध लेखन स्पर्धा

विषय -

## मराठी भाषा संवर्धन-काळाची गरज

सुरामन्यदास :

डु प्रमोदराव न. देवई

वासवराव पोद्दार कोलिंग

आर्. डी. कवारी स्वायत्ताडी

डु सुप्रिया म. राजवडे

वासवराव पोद्दार कोलिंग

आर्. कवारी स्वायत्ताडी

बी. ओंकार न. घेंगेले

मिर्जापुराव

वासवराव पोद्दार कोलिंग

आर्. कवारी स्वायत्ताडी

## 2<sup>nd</sup> March 2023 : Glimpse of Hospital

### Visit of F.Y.D.Pharmacy at district hospital, Banda.



**1<sup>st</sup> March 2023 :** Heartiest congratulations to Batch (2018-2022) students for opting higher education for future endeavours.

**HIGHER EDUCATION**  
**2021-2022**

**YASHWANTRAO BHONSALE**  
**COLLEGE OF PHARMACY, SAWANTWADI**  
*Chararhe, Vazavardni, Sawantwadi. Dist. Sindhudurg. 415050*

**HEARTIEST CONGRATULATIONS**

**M. S.**

**DR. MOHINI (MMS)**

**M. Raghav**  
Kashinath  
NIPES Prasad  
Gwalior, India

**Ms. Neta**  
Bhargava  
NIPES Prasad  
Gwalior, India

**Mr. Tash**  
Nemkar  
MAM LAD, India.

**M. Pharm**

**Mr. Kalpesh**  
Gorp  
PG Prasad  
Chen. GGP Kani

**Ms. Sampada**  
Gorp  
PG Prasad  
Chen. Belgum

**Mr. Ishikhar**  
Khan  
PG Prasad  
Chen. Goa

**Ms. Trupti**  
Bhaskar  
PG Prasad  
Kolhapur

**Mr. Gourav**  
Kulkarni  
PG, P.N.  
Pune

**Ms. Chaitanya**  
Dhot  
PG, P.N.  
Pune

**Mr. Omkar**  
Patil  
PG, KA  
Kolhapur

**Mr. Sanjay**  
Thakur  
PG, GA  
Kolhapur

**Ms. Mahesh**  
Tawale  
PG, GA  
Pune

**Mr. Steven**  
Mathias  
PG, Public Health  
Mumbai

**Mr. Harishchandra**  
Darda  
PG, P.N., YSCP  
Pune

**Mr. Raghav**  
Kankhar  
PG, P.N., YSCP  
Sawantwadi

**Ms. Alfy**  
Barg  
PG, P.N., YSCP  
Sawantwadi

**Ms. Nikita**  
Karkar  
PG, P.N., YSCP  
Sawantwadi

**Ms. Siddhi**  
Khanolkar  
PG, P.N., YSCP  
Sawantwadi

**Ms. Samata**  
Korgankar  
PG, P.N., YSCP  
Sawantwadi

**Mr. Shikhar**  
Jadhav  
PG, P.N., YSCP  
Sawantwadi

**Mr. Rishav**  
Khan  
PG, P.N., YSCP  
Sawantwadi

**MSA & Allied**

**Ms. Anushree**  
Kushkar  
NIPES  
Hyderabad

**Ms. Pranshi**  
Kokam  
O. T. N. S.  
University, Pune

**Ms. Rutuja**  
Shinde  
MS College  
Pune

**Ms. Shital**  
Shirur  
PG, Doctors in  
Clinical research, Pune

### 6<sup>th</sup> March 2023 : Glimpse of ‘National Pharmacy Education Day’






## YASHWANTRAO BHONSALE COLLEGE OF PHARMACY

&  
**YASHWANTRAO BHONSALE COLLEGE OF D. PHARMACY**  
 Sawantwadi, Sindhudurga, Maharashtra  
 Jointly Organized

# NATIONAL PHARMACY EDUCATION DAY

Celebrated on  
**6<sup>th</sup> March 2022**



➤ Patient counselling for use of Medicine



➤ Survey on Rational use of Medicine



➤ Awareness Camp : Safe Disposal of Medicine and Antibiotic Resistance



**Dr. Vijay A. Jagtap**  
 Principal  
 Yashwantrao Bhonsole  
 College of Pharmacy



**Mr. Sayaji R. Sathle**  
 Principal  
 Yashwantrao Bhonsole  
 College of D. Pharmacy



**Mr. Omkar M. Pendse**  
 HOD  
 Yashwantrao Bhonsole  
 College of Pharmacy



**Mr. Vinod S. Mule**  
 Department Head  
 Yashwantrao Bhonsole  
 College of Pharmacy



## YASHWANTRAO BHONSALE COLLEGE OF PHARMACY

Vazarwadi, Chararte, Tal. Sawantwadi. 416510, Dist. Sindhudurg, Maharashtra, India  
 Phone: (02363) 272233/ 272299. Email: yashpharmacy@gmail.com


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**3<sup>rd</sup> March 2023 : Heartiest**  
**Congratulations to Mr. Jatin**  
**Tekawade, a student of S.Y.M.**  
**Pharm for filing the Institute's**  
**8<sup>th</sup> Indian Patent entitled**  
**“RUTIN AS A POTENTIAL**  
**PHYTOCHEMICAL ACTING**  
**AGAINST SARS-COV-2 MAIN**  
**PROTEASE” in the field of**  
**Pharmacy.**





## YASHWANTRAO BHONSALE

# COLLEGE OF PHARMACY, SAWANTWADI

Charatke, Vazarwadi, Sawantwadi, Dist. Sindhudurg, 416510



## HEARTIEST CONGRATULATIONS

Patent Applicant & Inventor

### 8<sup>th</sup> Patent of YBCP!!!

### Patent Filing on

## "RUTIN AS A POTENTIAL PHYTOCHEMICAL ACTING AGAINST SARS-COV-2 MAIN PROTEASE"





**Mr. Jatin Tekawade**  
M.Pharm II Year



BKC

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 [yashwantraobhonsale](https://www.instagram.com/yashwantraobhonsale)
 [yashwantraobhonsale](https://www.youtube.com/yashwantraobhonsale)

Shri Yashwantrao Bhonale Education Society's

## BHONSALE KNOWLEDGE CITY

Reserve Knowledge City, Charatke, Vazarwadi, Sawantwadi,  
Sd. Dist. Sindhudurg, 416510 | Phone: 02023202304, email: sbk@sbkcollege@gmail.com



3<sup>rd</sup> March 2023 : Glimpse of 'International Women's Day'

**BHONSALE KNOWLEDGE CITY**

**भोसले नॉलेज सिटी, सावंतवाडी**

भोसले नॉलेज सिटी, वझरवाडी, चराठा, सावंतवाडी

तुझ्या उत्तुंग भरांगी पुढे गगनही ठेगणे भासावे,  
तुझ्या विशाल पंखाखाली विश्व सारे वसावे.

**जागतिक महिला दिनानिमित्त**

आयोजित

**अॅड मॅड शो, पाककृती स्पर्धा**

**हॉस्टेल रुम डेकोरेशन, नेल आर्ट**

**८ मार्च २०२३**

सहभाग :

- अॅड मॅड शो दोन टोप्यांची स्पर्धा, भोजन सर्व विभागाच्या विद्यार्थ्यांसाठी खुली राहिल.
- हॉस्टेल कम डेकोरेशन स्पर्धा सर्व विभागाच्या हॉस्टेलच्या विद्यार्थ्यांसाठी खोलीत राहिल.
- नेल आर्ट स्पर्धा सर्व स्तरांची नॉन टीचिंग महिला कर्मचाऱ्यांची खोलीत राहिल.

कार्यक्रम संयोजक :

**मा. अ. अमिता सावंतभोसले**  
अध्यक्षा  
सावंतराव भोसले एज्युकेशन सोसायटी, सावंतवाडी

**मा. सुनेजा कादक**  
प्रशासकीय अधिकारी  
भोसले नॉलेज सिटी, सावंतवाडी

कार्यक्रम समन्वयक :

हस्ताक्षरी माननीय कुटुंबावर सावंतराव भोसले पॉलिटेक्निक सावंतवाडी	सचिवी महोदय मनीषा शिंदे सावंतराव भोसले कॉलेज ऑफ डी. कॉमर्स सावंतवाडी	अध्यक्षा अमितावर सुनेजा सावंत सावंतराव भोसले कॉलेज ऑफ डी. कॉमर्स सावंतवाडी	शिबी सावंत विशाल देसाई सावंतराव भोसले इंटरनल स्कूल सावंतवाडी
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दि. ८ मार्च, सकाळी १० ते १.३० वा.

स्थळ : यशवंतराव भोसले पॉलिटेक्निक ऑडिटोरियम हॉल

10<sup>th</sup> March 2023 : Glimpse of Field visit of F.Y.D.Pharmacy at 'Garbage and Sewage Management Plant, Municipal Council, Sawantwadi.'11<sup>th</sup> March 2023 : Glimpse of PTA Meeting 2023

**11<sup>th</sup> March 2023 : Heartiest congratulations to 2<sup>nd</sup> year M.Pharm students Mr. Jatin Tekawade and Ms. Madhuri Dhure for their presentation and winning 2<sup>nd</sup> prize in Rx Techfest scientific poster presentation organized by The Indian Pharmaceutical Association-Students Forum-Maharashtra State Branch(IPA-SF-MSB) at Bombay College of Pharmacy, Kalina.**



INDIAN PHARMACEUTICAL ASSOCIATION  
MAHARASHTRA STATE BRANCH  
STUDENT'S FORUM  
(IPA MSB SF)  
Connecting Pharmacy students across Maharashtra  
Mission:

**17<sup>th</sup> March 2023 : Heartiest congratulations to all top rankers & passed students for successful completion of Sem VII final Mumbai University End Sem Examination, November 2022.**

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**

**Final Year B. Pharmacy SEM-VII**

**Mumbai University Exam Nov-2022**

1. Mr. Jatin Tekawade GPA: 7.81	2. Mr. Jatin Tekawade GPA: 7.75	3. Mr. Jatin Tekawade GPA: 7.75	4. Mr. Jatin Tekawade GPA: 7.75	5. Mr. Jatin Tekawade GPA: 7.75	6. Mr. Jatin Tekawade GPA: 7.75
7. Mr. Jatin Tekawade GPA: 7.75	8. Mr. Jatin Tekawade GPA: 7.75	9. Mr. Jatin Tekawade GPA: 7.75	10. Mr. Jatin Tekawade GPA: 7.75	11. Mr. Jatin Tekawade GPA: 7.75	12. Mr. Jatin Tekawade GPA: 7.75



**14<sup>th</sup> March 2023 :** Heartiest congratulations to our Students, Faculty Members and Principal Sir for participation (FDP, Virtual International Congress, Workshop, FIP Digital Event) and presentation & mentoring (CiiA-2 Innovation Exhibition & Competition).

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
Charathe, Vazarwadi, Sawantwadi. Dist. Sindhudurg, 416510

**Heartiest Congratulations**  
To Students, Faculty Members and Principal Sir

For Participated in Five Days Online FDP on Innovation, Learning and Research in Pharmaceutical Sector Organized By School of Pharmaceutical Sciences, VISTAS, Chennai, 19<sup>th</sup> to 23<sup>rd</sup> December 2022

Ms. Gauri U. Bhivshet

Mr. Jatin Tekwade  
Mr. Prayodh Haryan  
Dr. Rohan Barse  
Prof. (Dr.) Vijay A. Jagtap

For Presentation & Mentoring of Innovative Model "ORAL CARE: MAKING BUBBLES IN THE RELAXATION" At CIIA-2 Innovation Exhibition & Competition at Nehru Centre, Worli, Mumbai, 1<sup>st</sup> to 3<sup>rd</sup> February 2023 Organized By Rotary Club of Bombay, Worli & Baldev Sharma Marshalls Foundation, Mumbai

Ms. Sheetal S. Samant

For Participated in Virtual International Bioresource Conclave & Ethnopharmacology Congress (ISSEFEC-2023) Jointly Organized By Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur & Society for Ethnopharmacology (SFE), Jadavpur, Kolkata, 24<sup>th</sup> to 26<sup>th</sup>, February 2023

Ms. Rashmi H. Mahabai

For Participated in International Workshop on Project-Based Learning Implementation, National Education Policy (NEP 2020) & Beyond Organized By Sanjay Ghodawat University, Kolhapur, 3<sup>rd</sup> March 2023

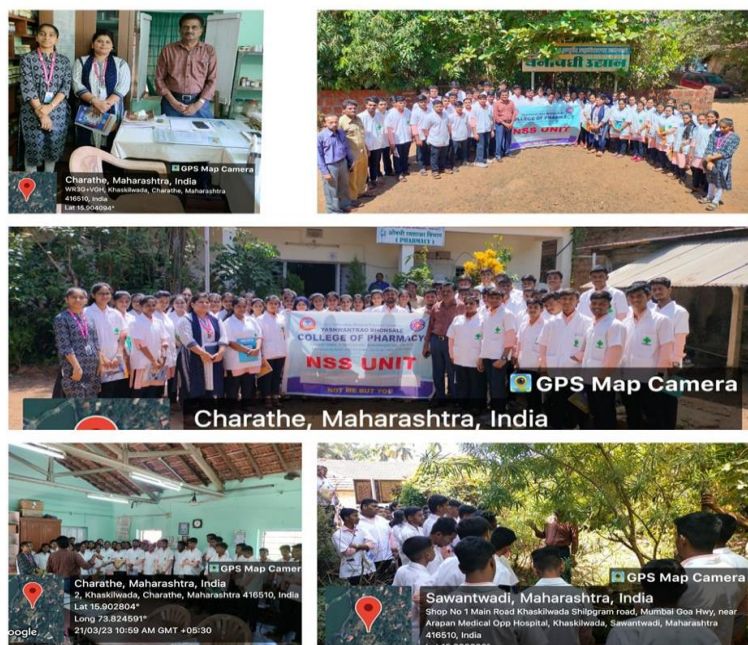
Mr. Sarthak Khamlikar

For Participated in International Pharmaceutical Federation (FIP) Digital Event on Mentoring a Brighter Future for Pharmacy, 3<sup>rd</sup> March 2023

**23<sup>rd</sup> March 2023 :** Glimpse of Pathology lab visit of 2<sup>nd</sup> year B Pharm students at Cottage hospital, Sawantwadi.



**21<sup>st</sup> March 2023 :** Glimpse of Field Visit of F.Y.B.Pharm students to Ayurvedic Rasashala and Medicinal Garden, Sawantwadi.



**23<sup>rd</sup> March 2023 :** Glimpse of Awareness session on Tuberculosis and HIV AIDS by Mr. Santosh Sonsurkar sir, AIDS department counsellor at Cottage hospital, Sawantwadi.



**23<sup>rd</sup> March 2023 :** Glimpse of Webinar on topic "Basic tricks to get Higher Band in IELTS".

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY, SAWANTWADI**

PLAN B, ASPIRE Club and Training Placement Cell collaboration with  
**Abhinav Immigration Services Pvt. Ltd.**  
organizes Webinar on  
**Basic tricks to get higher band in IELTS**

**24<sup>th</sup> March 2023**  
Time : 03:00 pm

**QUEST SPEAKER**  
Hon. Mr. Vikas Sikka  
Certified IELTS Trainer

**QUEST SPEAKER**  
Hon. Ms. Swati Verma  
Senior IELTS Trainer

**DR. VIKAS A. JAGTAP**  
Principal  
Yashwantrao Bhonsole College of Pharmacy

**DR. ANIL K. BARGE**  
Specialist Cell Head  
Yashwantrao Bhonsole College of Pharmacy

**DR. PRASHANT K. WAD**  
APPEL Cell Head  
Yashwantrao Bhonsole College of Pharmacy

**MR. NARESH BHOSALE**  
Event Coordinator  
Yashwantrao Bhonsole College of Pharmacy

**MR. GANESH S. BHOSALE**  
Event Coordinator  
Yashwantrao Bhonsole College of Pharmacy

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
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Phone: (02363) 272233 / 272299, Email: ybpharmacy@gmail.com

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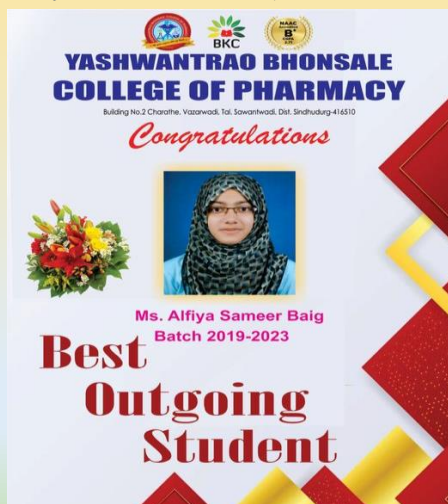
**24<sup>th</sup> March 2023 :** Glimpse of Pathology lab visit of 2<sup>nd</sup> year B Pharm students at Sumedh Pathology Laboratory, Sawantwadi.



**25<sup>th</sup> March 2023 :** Glimpse of Farewell "Bon Voyage 2023"



**25<sup>th</sup> March 2023 :** Best Outgoing student (B Pharmacy Batch 2019-2023)



**26<sup>th</sup> March 2023 :** Dr. Vijay Arjun Jagtap, Principal, Yashwantrao Bhonsale College of Pharmacy has been honored with the "Smart Leader" award by the channel "Konkansaad Live" for his remarkable work in the field of education in Konkan.



**24<sup>th</sup> - 25<sup>th</sup> March 2023 :**










75<sup>th</sup>  
जयश्री  
अमृत महोत्सव





75<sup>th</sup>  
जयश्री  
अमृत महोत्सव

## YASHWANTRAO BHONSALE COLLEGE OF PHARMACY

&

## YASHWANTRAO BHONSALE COLLEGE OF D. PHARMACY

Sawantwadi, Sindhudurga, Maharashtra

### Organizes Guest Lecture

On the theme

# Effective Resume Making

Friday, 31<sup>st</sup> March 2023, 02.00 to 04.00 pm.


## Mr. Milind R. Desai

M.Tech. CAD/CAM/CAE  
Experience: 14 years,  
Industrial: 10 Years, Teachings: 6 years  
TPO Head, Lecturer in Mechanical Department

### For Final Year D.Pharm Student



**DR. VIJAY A. JAGTAP**  
Principal  
Yashwantrao Bhosale  
College of Pharmacy



**MR. SATYAJIT P. SATHE**  
Principal  
Yashwantrao Bhosale  
College of Pharmacy



**MR. DHANRAJ S. PENDSE**  
HOD  
Yashwantrao Bhosale  
College of Pharmacy






**MR. RAJENDRA D. NANK**  
Event Coordinator  
Yashwantrao Bhosale  
College of Pharmacy



**MR. VARSHA CHOUDHARY**  
Event Coordinator  
Yashwantrao Bhosale  
College of Pharmacy

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**YASHWANTRAO BHOSALE**  
**COLLEGE OF PHARMACY, SAWANTWADI**  
Charatke, Vazarwadi, Sawantwadi, Dist. Sindhudurg, 416510

*Congratulations*



**Dr. Vinod S. Mule.**  
Assistant Professor  
Head, Department of Pharmacology

For being awarded  
**DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)**  
in Pharmaceutical Sciences  
By Shivaji University, Kolhapur.



75  
आज़ादी का  
अमृत महोत्सव



BKC



75  
आज़ादी का  
अमृत महोत्सव

**YASHWANTRAO BHONSALE**  
**COLLEGE OF D. PHARMACY**  
Sawantwadi, Sindhudurga, Maharashtra

**YASHWANTRAO BHONSALE**  
**COLLEGE OF D. PHARMACY**  
Sawantwadi, Sindhudurga, Maharashtra

Jointly Organized

Guest Lecture Program on

# “STRESS MANAGEMENT & MINDFULNESS” & “DE-ADDICTION REHABILITATION”




**Mrs. Aditi A. Kachelikar**  
NCD Counselor






**Mr. Sunil Samskar**  
ICTC Counselor




**Tuesday,  
4<sup>th</sup> April 2023,  
10.30 am  
onwards**



**DR. VIJAY A. JAGTAP**  
Principal  
Yashwantrao Bhosale  
College of D. Pharmacy



**MR. SATYAJEET P. SATHE**  
Coordinator  
Yashwantrao Bhosale  
College of D. Pharmacy



**MR. OMKAR M. PENDSE**  
RMO  
Yashwantrao Bhosale  
College of Pharmacy




**MRS. PRAJAKTA N. DESAI**  
Personality Development Coordinator  
Yashwantrao Bhosale  
College of Pharmacy




**MRS. VANDHAVI CHAUDHARY**  
Personality Development Coordinator  
Yashwantrao Bhosale  
College of Pharmacy

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आज़ादी का  
अमृत महोत्सव





**5<sup>th</sup> April 2023 :** Glimpse of field visit of SYDPharmacy to Miracal medical store, Sai medical store and Annapurna medical store , Sawantwadi.



**18<sup>th</sup>- 19<sup>th</sup> April 2023 :** Heartiest congratulations to Mr. Harshal Patil, \* Third Year B. Pharmacy Student for his active participation in \*STATE YUVA SANSAD\* Event Organized by State NSS Cell in collaboration with UNICEF At University of Mumbai Vidyanagari Campus.



**11<sup>th</sup> April 2023 :** Glimpse of guest Lecture on \*Higher Education Opportunities for D. Pharm Students

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY**  
**YASHWANTRAO BHONSALE COLLEGE OF D. PHARMACY**  
 Organizes Webinar on  
**Higher Education Opportunities**  
**For D.Pharm Students**  
 For Final Year D.Pharm Student  
**Tuesday,**  
**11<sup>th</sup> April 2023,**  
**02.00 to 04.00 pm.**

**Ms. Rashmi H. Mahabadi**  
 Asst. Prof.  
 Dept. of Pharmaceutical Chemistry  
 Yashwantrao Bhonsole College of Pharmacy, Sawantwadi

Dr. Vinod S. Mule  
 Asso. Prof. & UG Head Pharmacology  
 Shivaji University, Kolhapur

Dr. Vijay A. Jagtap  
 Principal  
 Yashwantrao Bhonsole College of Pharmacy, Sawantwadi

Dr. Anurag S. Patil  
 Asst. Prof.  
 Yashwantrao Bhonsole College of Pharmacy, Sawantwadi

Dr. Anurag S. Patil  
 Asst. Prof.  
 Yashwantrao Bhonsole College of Pharmacy, Sawantwadi

Dr. Anurag S. Patil  
 Asst. Prof.  
 Yashwantrao Bhonsole College of Pharmacy, Sawantwadi



**18<sup>th</sup> April 2023 :** Glimpse of the felicitation of Dr. Vinod S. Mule, (Asso. Prof. & UG Head Pharmacology) by the hands of Principal & Professor Dr. Vijay A. Jagtap on his successful completion of Ph.D. from Shivaji University, Kolhapur.



**24<sup>th</sup> April 2023 :**  
 Heartiest  
 Congratulations to  
 Vaishnavi Natlekar and  
 Sanket Gawade, final  
 year B Pharmacy for  
 successfully completing  
 NPTEL online  
 certification course.

**NPTEL Online Certification**  
 (Funded by the MHE, Govt. of India)

This certificate is awarded to  
**VAISHNAVI VIJAY NATLEKAR**  
 for successfully completing the course  
**Health Research Fundamentals**  
 (NDE - ICAR e-Certificate course: NdeCar 101)

with a score of **70 %**  
 Online Assignments : 21/13/25 Proctored Exam : 48/49/75  
 Total number of candidates certified in this course: 960

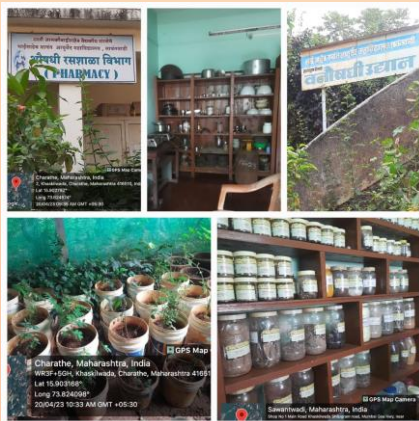
**NPTEL Online Certification**  
 (Funded by the MHE, Govt. of India)

This certificate is awarded to  
**SANKET SADASHIV GAWADE**  
 for successfully completing the course  
**Health Research Fundamentals**  
 (NDE - ICAR e-Certificate course: NdeCar 101)

with a score of **75 %**  
 Online Assignments : 26/42/45 Proctored Exam : 54/75



## 20<sup>th</sup> April 2023 : Glimpse of Field Visit at Ayurvedic Rasshala and Herbal Garden



## 24<sup>th</sup> April 2023 : Heartiest Congratulations to Authors, Snehal Upralkar, Akshaya Gadekar, Prajakt Kalangutkar, Riddhi Rane, Raghunath Morye, Samidha Desai, Omkar Tawade, Sheetal S. Samant, Vijay A. Jagtap for publishing their research article

Published online in <http://jap.oxa.ox> ISSN No. 0975-9121  
Ethnobotanical Survey of Medicinal Plants Commonly Used by Traditional Medicine Practitioners in Sindhudurg Region, India

Research Article  
Snehal Upralkar<sup>1</sup>, Akshaya Gadekar<sup>2</sup>, Prajakt Kalangutkar<sup>3</sup>, Riddhi Rane<sup>1</sup>, Raghunath Morye<sup>1</sup>, Samidha Desai<sup>1</sup>, Omkar Tawade<sup>1</sup>, Sheetal S Samant<sup>1</sup>, Vijay A Jagtap<sup>3</sup>

1. Student, Yashwantrao Bionale College of Pharmacy, Sawantwadi, Maharashtra, India.  
2. Assistant Professor, Department of Pharmacognosy, Yashwantrao Bionale College of Pharmacy, Sawantwadi, Maharashtra, India.  
3. Principal, Yashwantrao Bionale College of Pharmacy, Sawantwadi, Maharashtra, India.

### Abstract

The traditional healers in Sindhudurg region practice plant-based therapy to manage various health conditions. The present investigation aims to support the ethnomedicinal knowledge of different Traditional practitioners. Sindhudurg is rich in flora and fauna. Traditional practitioners have wide and in-depth knowledge of plants and their medicinal use. They use these plants to treat various ailments. The present paper provides information on the information on medicinal plants from traditional practitioners in Sindhudurg. Traditional Medical Practitioners, the primary informants were interviewed using semi-structured questionnaire and open-ended conversations. The survey identified and recorded 109 plant species along with their medicinal uses.

**Key Words:** Medicinal plants, Survey, Sindhudurg, Traditional Practitioners.

**Introduction**

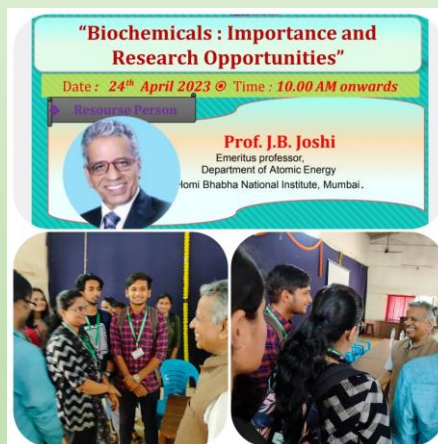
Man has relied on nature for his basic needs, including food, housing, medicine, clothing, fuel, and transportation. Herbal medicines have been widely used in the healthcare system to treat different diseases. Medicinal plants are used to develop new drugs. The plants continue to exist to provide new remedies to humankind. In countries like China, India, Japan, Pakistan, Sri Lanka, and Thailand, the use of traditional medicine is widely practiced. Since the beginning of time, people have sought out natural remedies for their ailments. Due to the few side effects and the synergistic effects of the substances used in the formulation, traditional plant medicines continue to hold a prominent position in the modern pharmaceutical industry. Plant constituents have the main role in curing illness. There are a large number of patients seeking for herbal therapy. Herbal medicines have wide range of benefits. Plant-based drugs are inexpensive compared to modern synthetic medicines. Herbal medicines have

good compatibility with the human body. They are cheaper in cost (1,4). Diverse therapeutic effects are brought on by various phytoconstituents found in plants. India is frequently referred to as the repository of medicinal plants because there are over 4500 plant species in its diverse regions. The industry receives its supply of therapeutic herbs from wild sources. By taking traditional folk medicine into account, new drugs can be developed. The majority of people's needs for health care are met by phytoconstituents (5). The Himalayas, Andalus, Chon Nagpur plains, Eastern and Western Ghats, and tropical forests might be home to about 70% of India's medicinal plants. The Kashmir Himalayan region is located in the Himalayas, which has recently been recognized as a hotspot for biodiversity worldwide (6). Sindhudurg is rich in natural resources. There are varieties of plants found in the region that possess medicinal properties. Traditional Practitioners in this region have a lot of knowledge regarding the use of these rich medicinal plants. Traditional healers prescribed these herbs to treat different ailments. Information was collected from these traditional healers and compiled together (7).

### Methodology

The information regarding the medicinal uses of plants was collected from local traditional practitioners in the Sindhudurg region. They have sound knowledge of medicinal plants. During the survey period the information was gathered using questionnaire. The

## 24<sup>th</sup> April 2023 : Great meeting with Hon. Dr. (Prof.) J. B. Joshi sir\*, Emeritus Professor, Dept. of Atomic Energy, Homi Bhabha National Institute, Mumbai.



## 24<sup>th</sup> April 2023 : Heartiest congratulations to Mr. Vinod R. Biradar, Assistant Professor of Pharmaceutical Chemistry of our college for attending Workshop on 18<sup>th</sup> Aavishkar: Inter-Collegiate / Institute / Department Research Convention 2023-24 of University of Mumbai held at Finolex Academy of Management and Technology, Ratnagiri.



## 26<sup>th</sup> April 2023 : MoU between KLECOP, KLE University, Belgavi, Karnataka & YBES's, YBCP, Sawantwadi, Maharashtra, 26<sup>th</sup> April 2023.





**26<sup>th</sup> April 2023** : Glimpses of Industrial Visit at Gokul Shirgaon MIDC, Kolhapur of First year D Pharmacy students.



**3<sup>rd</sup> May 2023** : Heartiest Congratulations to Authors, Mr. Mayuresh Ramesh Redkar\*, Ms. Diptee Prakash Parulekar, Mr. Prajyod Deepak Haryan, Mr. Shailesh Annaso Bhandigare, Ms. Deepashree Dilip Dalvi, Ms. Minal Mangesh Walawalkar and Dr. Vijay Jagtap for publishing their review article in World Journal of Pharmaceutical Research, 2023, 12(7): 131-147.



**ORGANOSEL A PROMISING DRUG DELIVERY SYSTEM: FROM THEIR COMPONENTS TO THEIR APPLICATIONS IN DRUG DELIVERY**

Mr. Mayuresh Ramesh Redkar\*, Ms. Diptee Prakash Parulekar, Mr. Prajyod Deepak Haryan, Mr. Shailesh Annaso Bhandigare, Ms. Deepashree Dilip Dalvi, Ms. Minal Mangesh Walawalkar and Dr. Vijay Arjun Jagtap

Yashwantrao Bhonsale College of Pharmacy Sawantwadi, Sindhudurg, Maharashtra.

**ABSTRACT**

A three-dimensional network of interlaced, self-assembled gelator fibres immobilises an organic liquid phase in organogels, which are semi-solid systems. These systems appear solid-like and have rheological behaviour despite being primarily liquid in composition. With active ingredients given via transdermal, oral, and parenteral routes, they are used as medication and vaccine delivery systems in pharmacology. The hazardous properties of the chosen organic solvents, however, have historically prevented their use as drug delivery systems. The recent synthesis of more biocompatible organogels has facilitated the development of several biological and pharmacological applications. The purpose of this article is to present a

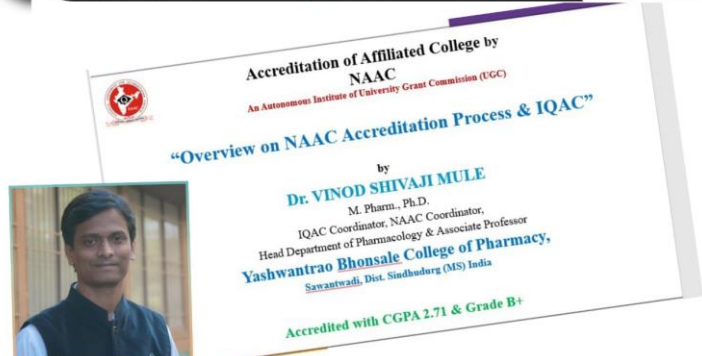
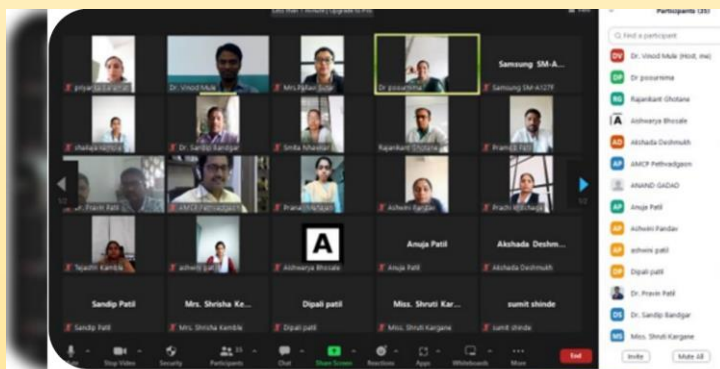
thorough overview of organogels, with a focus on the kinds, characterisation, preparation, and usage of organogels as drug delivery platforms for active agent administration through various such as transdermal, oral, and parenteral is then discussed.

**KEYWORDS:** Organogels, Colloidal Drug Delivery, Gel, Drug Delivery.

**INTRODUCTION  
ORGANOGELES**

A gel may be defined as a semi-solid formulation having an external solvent phase, apolar (organogels) or polar (hydrogel), immobilized within the spaces available of a three dimensional networked structure. The organogels may be regarded as bi-continuous systems consisting of gelators and apolar solvent, which may or may not contain water molecules

**2<sup>nd</sup> May 2023** : Dr. Vinod S. Mule, Head Department of Pharmacology, Yashwantrao Bhonsale College of Pharmacy, Sawantwadi invited as resources person for faculty development programme on the topic "Overview on NAAC Accreditation Process & IQAC" at Ashokrao Mane College of Pharmacy, Peth Vadgaon, Kolhapur.



**3<sup>rd</sup> May 2023** : Heartiest Congratulations to our Faculty Members for participation in Virtual International Congress and e-Faculty Development Program (FDP)

**YASHWANTRAO BHONSALE  
COLLEGE OF PHARMACY, SAWANTWADI**  
Vazarwadi, Charathe, Tal. Sawantwadi. 416510. Dist. Sindhudurg. Maharashtra, India

**Heartiest  
Congratulation**

**Ms. Vaibhavi A. Chaudhari**

For Participated in Virtual International Bioresource Conclave & Ethnopharmacology Congress (ISEFEC-2023) Jointly Organized By Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur & Society for Ethnopharmacology (SFE), Jadavpur, Kolkata, 24<sup>th</sup> to 26<sup>th</sup>, February 2023

**Ms. Rakshanda S. Khorguvenkar**

**Mr. Tushar Rukari**

**Dr. Vinod S. Mule**

**Dr. Rohan K. Barse**

For Participated in e-Faculty Development Program / e-Student Training Program on "Effective Research Proposal and Manuscript Writing" IQAC, Ghokhale Education Society, Sir, Dr. M. S. Gosavi College of Pharmaceutical Education and Research, Nashik, Maharashtra, 23<sup>rd</sup> to 25<sup>th</sup> March 2023



Sindhurgar MH, India

**YASHWANTRAO BHONSALE  
COLLEGE OF PHARMACY**

Vazarwadi, Charathe, Tal. Savantwadi, 416510, Dist. Sindhudurg, Maharashtra, India

**Heartiest  
Congratulation**

All short-listed Final year B. Pharm students 2022-23

**ON CAMPUS DRIVE WITH CIPLA LTD, GOA**

Mr. Sanjay S. Ganeshe	Mrs. Varshini S. Nataraja	Mrs. Gayatri M. Pharkar	Mrs. Lakshmi K. Pharkar	Ms. Diprasha D. Puro	Mr. Anshul Kumar Shinde
Ms. Sakshi D. Patel	Mrs. Deepa N. Sawant	Mr. Shubham S. Chavan	Ms. Ritika C. Rane	Mr. Akash Kumar Shinde	
Ms. Kirti G. Kumbhar	Ms. Jagruti M. Darda	Ms. Shashita V. Ganeshe	Mr. Darshan S. Chavan	Ms. Shweta K. Thakur	Mr. Sarvam M. Mirgole
Ms. Prashant N. Parab	Mr. Ajay Kumar Singh	Ms. Saranya N. Sawant	Ms. Muskan S. Shakh	Ms. Namrata Ghadi	
Ms. Sunita N. Navekar	Mr. Manish Araskar	Mr. Aniket More	Ms. Rutika Jadhav	Ms. Namrata Ghadi	

**SAMARTH COLLEGE OF PHARMACY**  
**DEULGAON RAJA**

Place: Seminar Hall  
Time: 11:00 AM  
03 to 06 JAN 2023

**Programs:**

- Welcome
- Introduction
- Course information
- Scope and Jobs info
- Parents Meet
- Guest Lecture
- Soft Skill Development

**Speakers:**

Dr. Prashant V. Mali  
Associate Prof & HOD  
Y.S. College of Pharmacy, Sionwadi, Sionwadi

Dr. Ashish Bhatnagar  
Professor, Govt. College of Pharmacy, Kumbhari

Prof. M.W. Bhatnagar  
Assistant Professor  
D. J. Somaiya Institute of Pharmacy, Mumbai, Maharashtra

**Induction Program**  
**D.PHARM 2023**

The Management,  
Principle, and Staff of  
SCOP, cordially invite You  
to the Programme

**समर्थ औषधविनिर्माण महाविद्यालय**  
समर्थ औषधविनिर्माण महाविद्यालय  
समर्थ औषधविनिर्माण महाविद्यालय  
समर्थ औषधविनिर्माण महाविद्यालय

**LETTER OF APPRECIATION**

To, Dr. Prashant V. Mali  
Associate Prof & HOD  
Department of Pharmacy  
Samarth College of Pharmacy,  
Deulgaon Raja, Dist. Jalgaon, Maharashtra.

**Respected Sir,**

I am very much grateful for the information given by you on the basis of the information given by you. I am very much grateful for the information given by you on the basis of the information given by you.

I am very much grateful for the information given by you on the basis of the information given by you. I am very much grateful for the information given by you on the basis of the information given by you.

All the students appreciated and got benefited from your session on subject, Learning from your experience for the generation of professional education in future as well.

Thanking you!

*(Signature)*

**9<sup>th</sup> May 2023 :** Yashwantrao Bhonsale College of Pharmacy renewed MoU with The Dhyey Career Academy on 9th May 2023 to achieve excellence in the field of quality education for competitive examination. The MoU will encourage students to prepare and Excel in competitive exams.

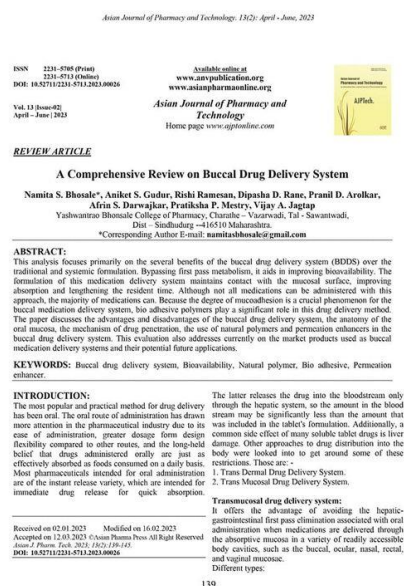




**6<sup>th</sup> May 2023 :** Glimpses of Farewell 'Sweet Ending to the New beginning ' of D Pharmacy batch (2021-23).



**15<sup>th</sup> May 2023 :** Heartiest Congratulations to Authors, Namita S. Bhosale\*, Aniket S. Gudur, Rishi Ramesan, Dipasha D. Rane, Pranil D. Arolkar, Afrin S. Darwajkar, Pratiksha P. Mestry, Vijay A. Jagtap for publishing their review article entitled "A Comprehensive Review on Buccal Drug Delivery System", Asian Journal of Pharmacy and Technology, 2023, 13(2): 139-145.



**13<sup>th</sup> May 2023 :** PLAN B Club & Training Placement Cell\* of Yashwantrao Bhonsale College of Pharmacy, Sawantwadi organizes Guest Lecture on the topic \*Step up the most important journey of your life with Positive Attitude\* On the occasion of 4<sup>th</sup> HOWDY ALUMNI MEET.



**13<sup>th</sup> May 2023 :** Examination Department of Yashwantrao Bhonsale College of Pharmacy, Sawantwadi, organizes, 4<sup>th</sup> Convocation Ceremony-2023 for Batch 2018-2022 in presence of Chief guest Hon. Shri. Saurabh Kumar Agrawal (IPS), Superintendent of Police, Sindhudurg district.



**16<sup>th</sup> May 2023 :** Dr. Vinod Shivaji Mule, Head of Department, Department of Pharmacology was greeted by Hon'ble management on the account of completing his Ph.D. in Pharmaceutical Sciences during his tenure, at Shri. Yashwantrao Bhonsale Education Society's, Yashwantrao Bhonsale College of Pharmacy, Sawantwadi. since from the establishment of an institution. Congratulations and Best wishes for his future endeavors.





**15<sup>th</sup> May 2023** : Heartiest Congratulations to Dr. Vijay A. Jagtap, Principal & Professor and Mr. Tushar G. Rukari, Head, UG-Pharmaceutics for publication of Institute's 9<sup>th</sup> Indian Patent entitled "NATURAL MUCILAGE BASED OCULAR MICROSPHERES OF KETOROLAC TROMETHAMINE" in the field of Pharmacy. Since 08 years of establishment, Institute has 02 Patents granted, 02 published and 05 filed.

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY, SAWANTWADI**  
Charathe, Vazarwadi, Sawantwadi, Dist. Sindhudurg, 416510

**HEARTIEST CONGRATULATIONS**

**9<sup>th</sup> Patent of YBCP!!!**  
**Patent Published on 12/05/2023**  
**Entitled**  
**"NATURAL MUCILAGE BASED OCULAR MICROSPHERES OF KETOROLAC TROMETHAMINE"**

**INVENTORS**

**Dr. Vijay A. Jagtap**  
Principal & Professor

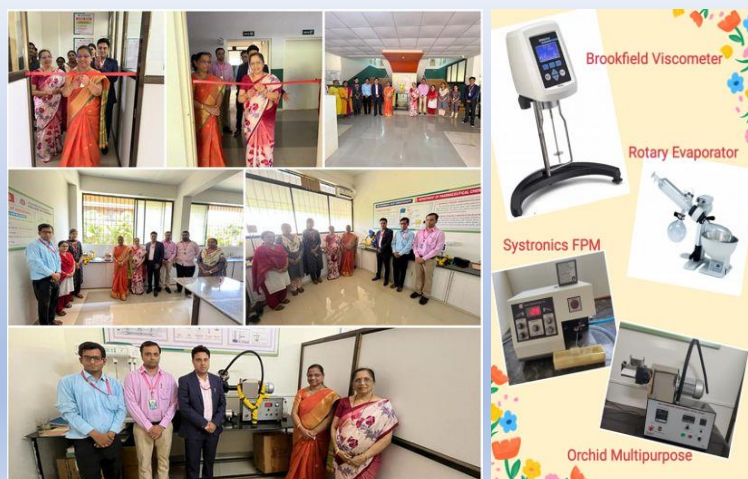
**Mr. Tushar G. Rukari**  
Head, UG-Pharmaceutics

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**BHONSALE KNOWLEDGE CITY**  
Bhonsale Knowledge City, Charathe, Vazarwadi, Sawantwadi, Dist. Sindhudurg, 416510 Phone : 02363-273333/273456, email : ybcp@yashwantrao\_bhonsale.com

**22<sup>nd</sup> May 2023** : Glimpses of the inauguration of new instruments



**27<sup>th</sup> May 2023** : Heartiest congratulations to Dr. Gaurav Gopal Naik for presenting research paper at 8<sup>th</sup> edition of biennial International Summit on Nanotechnology for Better Living, which is being organized by NIT Srinagar (J&K) in collaboration with IIT (BHU) Varanasi.



**17<sup>th</sup> May 2023** : Heartiest Congratulations to Ms. Supriya B. Rawool, Lecturer, D. Pharm of our college for the publication of the Institute's 10<sup>th</sup> Indian Patent entitled "IN-VITRO ANTIMICROBIAL ACTIVITY OF DIFFERENT ORGANIC EXTRACTS OF LIPPIA ALBA AND ESSENTIAL OILS OF LIPPIA ALBA" in the field of Pharmacy. Since 08 years of establishment, Institute has 02 Patents granted, 03 published and 05 filed.

**YASHWANTRAO BHONSALE COLLEGE OF PHARMACY, SAWANTWADI**  
Charathe, Vazarwadi, Sawantwadi, Dist. Sindhudurg, 416510

**HEARTIEST CONGRATULATIONS**

**10<sup>th</sup> Patent of YBCP!!!**  
**Patent Published on 12/05/2023**  
**Entitled**  
**"IN-VITRO ANTIMICROBIAL ACTIVITY OF DIFFERENT ORGANIC EXTRACTS OF LIPPIA ALBA AND ESSENTIAL OILS OF LIPPIA ALBA"**

**Inventor**

**Ms. Supriya B. Rawool**  
Lecturer

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**25<sup>th</sup> – 29<sup>th</sup> May 2023** : Heartiest Congratulations to Dr. Gaurav Gopal Naik for attending and presenting research paper at International conference entitled "Nanotechnology for Better Living (NBL-2023)" in Srinagar (J&K).





**29<sup>th</sup> May 2023 :** Heartiest Congratulations to Mr. Mayuresh Redkar, NSS Coordinator, Yashwantrao Bhonsale College of Pharmacy Sawantwadi for his participation in National Service Scheme, Department of Higher and Technical Education, Government of Maharashtra and Savitribai Phule Pune University Organized Two Days State Level National Service Scheme Program Officer Convention at Savitribai Phule Pune University, Pune.



**3<sup>rd</sup> June 2023 :** Glimpse of seminar for 12<sup>th</sup> pass out students . Topic : Career opportunities in pharmacy after HSC



**3<sup>rd</sup> June 2023 :** Heartiest Congratulations to Authors Maseera Kazi, Sanket Gandhi, Rohan Barse, Vijay Jagtap for publishing research article in World Journal of Pharmacy and Pharmaceutical Sciences.



**5<sup>th</sup> June 2023 :** Medicinal Garden Green Initiative Committee of Yashwantrao Bhonsale College of Pharmacy organised Plantation Drive on the occasion of World Environment Day 2023.



**6<sup>th</sup> June 2023 :**  
भोसले नॉलेज  
सिटी च्या  
वर्धापदिनानि  
मित श्री  
सत्यनारायणा





**6<sup>th</sup> June 2023 :** Heartiest Congratulations to Authors from YBCP, Ms. Gayatri Penkar, Ms. Maithilee Salkar, Ms. Prachi Chavan, Mr. Maitrey Ambade, Mr. Sanchit Parab, Mr. Tejas Padte, Ms. Pallavi Salgaonkar, Ms. Manasvi Sawant and Dr. Vijay A. Jagtap for publishing their review article in the Research Journal of Pharmacognosy and Phytochemistry.

ISSN 0975-2331 (Print)  
0975-4385 (Online)  
DOI: 10.5771/0975-4385.2023.00025  
Vol. 15 Issue-02  
April - June 2023

Available online at  
www.rjpponline.org  
Research Journal of  
Pharmacognosy and Phytochemistry  
Home page www.rjpponline.org



#### REVIEW ARTICLE

##### An Overview on Indian Herbs in Hair Care Therapy

Gayatri M. Penkar, Maithilee R. Salkar, Prachi S. Chavan, Maitrey S. Ambade, Sanchit A. Parab, Tejas S. Padte, Pallavi L. Salgaonkar, Manasvi M. Sawant, Vijay A. Jagtap\*  
Department of Pharmaceutics, Yashwantrao Bhonsale College of Pharmacy, Sawantwadi,  
University of Mumbai, Sawantwadi 416510, Maharashtra, India.  
\*Corresponding Author E-mail: [salkarmanu14@gmail.com](mailto:salkarmanu14@gmail.com), [gayatripenkar2608@gmail.com](mailto:gayatripenkar2608@gmail.com)

#### ABSTRACT:

Hair is a thread-like structure numerous found in vertebrates. It is also considered as one of the symbols of beauty in humans. In this expeditious world, many problems associated with face (on the skin, eyebrows, lips) nails, hair etc. are seen. The provided information emphasizes on various herbal ingredient that owns numerous benefits for hairs and related hair complications in humans. Among various problems, people are experiencing many hairs related problems such as hair loss, split ends, dandruff, increased sebum production, hair thinning. Thus, people are looking for ways to increase hair conditions, prevention for hair associated problems and advanced care. The synthetic or the chemical products causes side effects and adverse effects when used, thus now people have high approach towards organic natural and herbal formulations that tends to show minimum side effects. Generally, herbal preparations are known for its "no side effects" property. Utilization of herbal components is extending progressively. Herbs acts as a source of medicinal properties, foods and supplements since ages. Several cosmetic products are present for hair care prepared from herbal and other natural origin. In contrast, synthetic products, herbal or organic formulations are good alternate that possess no/minimum side effects. In this review, various medicinal plants that own hair care properties are summarized accompanying their biological sources, active chemical constituents having hair care property and their uses.

**KEYWORDS:** Hair, Herbal constituents, Hair cosmetics, Organic formulations, Natural origin.

#### INTRODUCTION:

As hairs are considered to be one of the essential parts that complement the beauty of a person, it is important to take right care of the hairs. Hair can be defined as "improved epithelial structure formed as a result of keratinization of germative cells", hairs are the outgrowths from the follicles present on the skin<sup>1</sup>. Hair is made of Keratin with other chemical constituents like Oxygen, Carbon, Nitrogen, Sulphur, etc. Different types of Keratin are found but in vertebrates Alpha-Keratin is usually seen that is responsible for growth of hairs, nails, etc<sup>2</sup>.

Scalp is an important area in human hair system. It is composed of soft tissue layers that cover the cranium and area of the head where hair grows. It is incorporated with numerous sebaceous glands and hair follicles<sup>3</sup>. Due to changing environment, excessive heat, diet and pollution leads to overproduction of sebum in the scalp that further leads to various hair problems such as:

1. Hair loss,
2. Hair thinning,
3. Excessive dandruff,
4. Split ends,
5. Dryness and roughness of hair and
6. Bald patches<sup>4</sup>.

**6<sup>th</sup> June 2023 :** Heartiest Congratulations to Authors from YBCP, Ms. Gayatri Penkar, Ms. Maithilee Salkar, Ms. Prachi Chavan, Mr. Maitrey Ambade, Mr. Sanchit Parab, Ms. Manasvi Sawant and Dr. Vijay A. Jagtap for publishing their research article in the Research Journal of Pharmacognosy and Phytochemistry.

Research Journal of Pharmacognosy and Phytochemistry, 15(2): April - June, 2023

ISSN 0975-2331 (Print)  
0975-4385 (Online)  
DOI: 10.5771/0975-4385.2023.00016  
Vol. 15 Issue-02  
April - June 2023

Available online at  
www.rjpponline.org

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#### RESEARCH ARTICLE

##### Formulation and Evaluation of Herbal Hair Serum in Treatment of Various Hair- Related Problems

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#### ABSTRACT:

In this expeditious world, cosmetics are in great demand. Cosmeceuticals in pharmaceutical industry is booming day-by-day. Cosmetics are used on daily basis. Cosmetics are intended for skin care, hair care, nails and for teeth as well. Also, to take the note, toothpastes, hair oils, hair dyes are classified into the cosmetics that is been used by every individual on everyday basis. The synthetic or chemical products have side effects and adverse effects of when used, thus now people have high approach towards organic, natural and herbal formulations that show no or minimum side effects. Generally herbal preparations are known for its "No side effect" property. Various problems are experienced by the people such as hair fall, split ends, dandruff, increased sebum production, hair thinning, premature hair greying etc. Thus, people are looking for ways to increase hair development, their prevention and cure. A hair serum helps to lock the moisture and keep the scalp hydrated and healthy. Trigonella foenum graecum (Fenugreek) is a popular homemade remedy for hair growth and also improves hair density. Flaxseed is beneficial in treatment of dandruff and boosts hair growth. Citrus sinensis is rich in anti-oxidants that are very effective in treatment of split ends. Glycer has high content of glycerol which improves the blood circulation and boosts hair growth. Castor oil, Vitamin E, Hibiscus is also useful in treating dry and damaged hair, provides hydration to the scalp. Thus, preparation of the herbal formulation using natural products will help in treatment of various hair diseases.

**KEYWORDS:** Trigonella foenum-graecum, Zingiber officinale, Flaxseed, Citrus Sinensis, castor oil.

#### INTRODUCTION:

Hair plays vital role in human body. As hairs are considered to be one of the essential parts that complement the beauty of a person, it is important to take right care of the hairs. Hair can be defined as "improved epithelial structure formed as a result of keratinization of germative cells", hairs are the outgrowths from the follicles present on the skin<sup>1</sup>. Hair is found on scalp, skin, and face and so on.

Human hair is considered as one of the symbol of beauty in humans and the scalp is an important element for hair growth. It is the skin composed of soft tissue layers that covers the cranium and area of the head where hair grows. The scalp is constituted by numerous hair follicles and sebaceous glands. The pH of scalp is 5.5 and that of hair shaft is 3.67<sup>2</sup>. The presence of sebaceous glands along with the cyclic changes that occur in the environment make it more susceptible to mycosis, infections like excessive dandruff, tinea capitis, scalp psoriasis, scalp folliculitis, head lice and even alopecia<sup>3</sup>.

**10<sup>th</sup> June 2023 :** A Very BIG Congratulations to Ms. Sneha J. Sawant, Lecturer and Exam coordinator, Yashwantrao Bhonsale College of Pharmacy (Integrated D. Pharmacy) for getting "PG award with Gold Medal" during convocation ceremony organised by Rajiv Gandhi University of Health Sciences (RGUHS), Bangalore, held on 10.06.2023 by the auspicious hands of Shri Thaawar chand Ghelot, Governor of Karnataka & Shri P. B. Varale Chief Justice of High court Karnataka. She has secured best outgoing position student with highest marks in M.Pharm [Pharmacognosy].









**13<sup>th</sup>-14<sup>th</sup> June 2023 :** Heartiest congratulations to the Asst. Professor, Yashwantrao Bhonsale College of Pharmacy namely Ms. Rakshanda S. Khorguwenkar, Ms. Manasvi M. Sawant and Mr. Vinod Biradar for their successful completion of 2 days National workshop on "NEP & NCF" organized by Yashwantrao Bhonsale International School.







**21<sup>st</sup> June 2023** : NSS Cell and SENSE Club of Yashwantrao Bhoale College of Pharmacy Sawantwadi organized Meditation and Yoga Workshop on the occasion of International Yoga Day 2023.

**NSS-Cell & Sense Club of Yashwantrao Bhoale College of Pharmacy**

Organized  
**Meditation and Yoga Workshop**  
on the occasion of  
**INTERNATIONAL YOGA DAY**  
Theme of the event:  
**"Yoga For Unity"**  
Wednesday, 21<sup>st</sup> June 2023  
Time: 09:30 To 10:30 AM, Venue: Seminar Hall

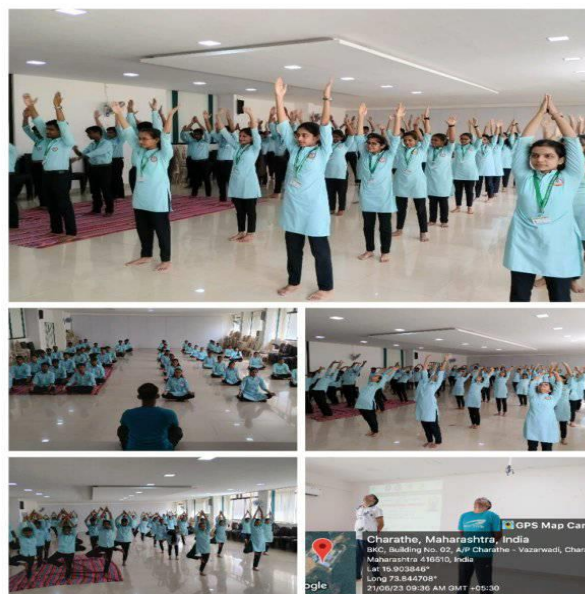
Dr. Gaurav G. Naik  
Event Coordinator

Mr. Mayuresh R. Redkar  
NSS & SENSE Club Coordinator

Dr. Rohan K. Barse  
SPRINDAN Club Coordinator

Dr. Vijay A. Jagtap  
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**24<sup>th</sup> June 2023** : Heartiest Congratulations to YBCP authors Mr.Roshan Ahire (M. Pharm student 2020-22), Ms.Gauri Bhivshet, Dr. Rohan Barse, Dr. Vijay Jagtap for Publishing review article in the "International Journal of All Research Education and Scientific Methods (IJARSEM)" Volume 11, Issue 6, June 2023.



### The Quick Review on Floating Drug Delivery System

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#### ABSTRACT

One major limitation of the oral controlled drug delivery system is that not all drug candidates are absorbed uniformly throughout the GIT. Some drugs are absorbed only in one segment of the GIT or are absorbed to varying degrees in different segments of the GIT, reducing their bioavailability. Floating drug delivery systems have a lower bulk density than gastric fluids and thus remain buoyant in the stomach for a longer period of time, releasing the drug slowly at the desired rate from the system and increasing the bioavailability of drugs with a narrow absorption window. This review covers, in addition to the background, formulation evaluation and recent developments.

**Keywords** : Floating drug delivery, bioavailability, Hydrodynamically Balanced System, Microspheres.

#### INTRODUCTION

A drug delivery system's goal is to deliver a therapeutic amount of drug to the appropriate location in the body in order to achieve and then maintain desired drug concentrations. Because of the low cost of therapy and ease of administration, the oral route is increasingly used to deliver therapeutic agents, resulting in high levels of patient compliance. Oral drug delivery systems account for more than half of all drug delivery systems on the market.<sup>1,2</sup> The ability to extend and control the emptying time of dosage forms that remain in the stomach for a longer period of time than conventional dosage forms is a valuable asset for dosage forms that remain in the stomach for a longer period of time than conventional dosage forms. Several challenges arise when designing controlled release systems for improved absorption and bioavailability.

**29<sup>th</sup> June 2023** : Heartiest Congratulations to top rankers and all students of 2nd year D Pharmacy




Shri Yashwantrao Bhoale Education Society's  
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**Second Year D. Pharmacy**



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**27<sup>th</sup> June 2023** : Heartiest Congratulations







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