

A Biannual Newsletter from VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY, MUMBAI

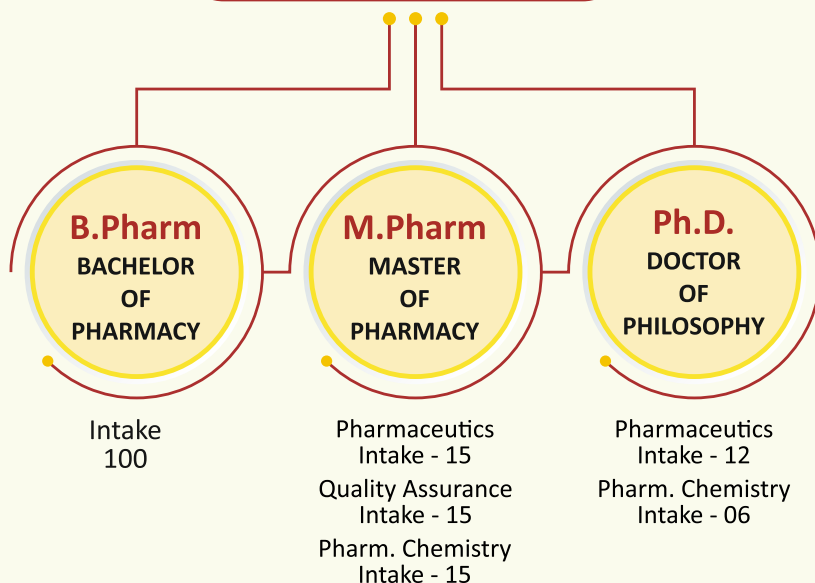
JANUARY - JUNE 2023



AFFILIATIONS

Affiliated to University of Mumbai
Approved by Pharmacy Council of India (PCI)

COURSES OFFERED



OUR HIGHLIGHTS

- Awarded **A+** grade with CGPA of 3.46 by the National Assessment and Accreditation Council (**NAAC**)
- Awarded 1st and 3rd Rank in the **AICTE - CII** Industry Linked Survey 2018 & 2021 respectively (Pan India)
- Received **Max-Exhibitors Trophy (2022-23)** for most number of projects displayed at Creative Ideas & Innovations in Actions (CiiA 2.0)
- Overall Runner-up Championship at AAVISHKAR (Inter-Collegiate / Institute / Department) Research Convention **2019 - 20** and **2022-23**
- NIRF-2023 India-Placed in the rank band of 100 - 125 under Pharmacy category
- 3.5 STAR rating – Institution Innovation Council (**IIC**) 2021-22, awarded by MoE's Innovation Cell, Govt. of India
- Registered as VES-Scientific and Industrial Research Organization (**VES-SIRO**) at DSIR, Govt. of India
- Signatory of **PRME**, a United Nations initiative for sustainability
- Community Outreach Initiatives - NSS, Rotaract Club and Public Health Office



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Chembur (E), Mumbai – 400 074

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Key Achievements



VESCOP placed in the rank band of **100 - 125 under Pharmacy category** Pan India in NIRF Ranking 2023



VESCOP received the **Max Exhibitors Trophy** for most number of projects displayed at **CiiA 2.0** held at **Nehru Centre, Worli** from **1st Feb to 3rd Feb 2023**



Principal, Dr. Supriya Shidhaye, secured **Third Rank with 90.38%** in one year Diploma Course of **Yoga Education from Ghantali Mitra Mandal, Thane** (Recognized by Government of Maharashtra) and got the honor of **highest marks (98%)** in the subject of Yoga Concept.



VESCOP won the **BEST PHO TROPHY 22-23** at the Rx festival

VESCOP won the **THIRD BEST CULTURAL COLLEGE TROPHY** and **EDITORIAL COLLEGE TROPHY 22-23** at the Rx festival



VESCOP shines at Aavishkar



VESCOP shines at 17th Aavishkar:

Maharashtra State Inter-University Research Convention (Final Round) 2023



A Research project titled **“Novel in situ bandage for the treatment of Digital Dermatitis in Cattle”** presented by **Rohan Choudhary** won a **Gold Medal** at PG level under the **guidance of Dr. Harsha Kathpalia**.

A Research Project titled **“Comparative Binding mode analysis for Synaptic and extrasynaptic GABA receptor”** presented by **Mrs Rashmi Wani** secured a **Silver Medal** at PPG level under the **guidance of Dr. Mushatque Shaikh**.



Ankita Raut & Rohan Choudhary presented in Anveshan National Student Research Convention and **won a Bronze Medal**



Our two projects that won at the 17th Aavishkar 2022, presented their projects at Raj Bhavan, Mumbai on the evening of 26th Jan 2023



Dr. Supriya Shidhaye

Title: Herbal Immunomodulators:
An adjuvant symptomatic therapy for Covid-19

Co-authors: Tank S, Pansare T, Malandkar S,
Korlekar P

Journal: Advances in Bioresearch

Year: 2023; **Volume:** 14; **Issue:** 1

Link: https://soeagra.com/abr_jan2023.html



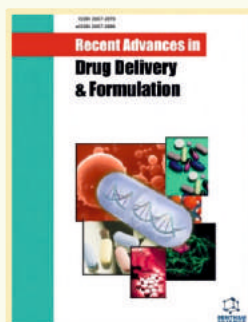
Title: Wound Health:
Advances in Natural Product Delivery

Co-authors: Phatak K, Tank S, Korlekar P

Journal: Bulletin of Environment, Pharmacology and Life Sciences

Year: 2023; **Volume:** 12; **Issue:** 2

Link: https://bepls.com/jan_2023.html



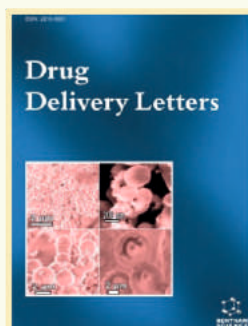
Title: Biodegradable Polymer-Based Microspheres for Depot Injection-Industry Perception

Co-authors: Kyatanwar A, Prabhakar B

Journal: Recent Advances in Drug Delivery and Formulation

Year: 2023; **Volume:** 17; **Issue:** 1; **Pg No:** 13-30

Link: <https://www.eurekaselect.com/article/128931>



Title: Exploring Palmitoylated Arabinogalactan in Solid Lipid Nanoparticles:
Formulation Design and in vitro Assessment for Hepatospecific Targeting

Co-authors: Shah N, Katawale S, Shah S, Dhawan V

Journal: Drug Delivery Letters

Year: 2023; **Volume:** 13; **Issue:** 2; **Pg No:** 92-102

Link: <https://www.eurekaselect.com/article/129254>



Dr. Mangal Nagarsenker

Research Publications



Dr. Harsha
Kathpalia

Title: Recent Updates on Oral and Dermal Film-based Formulations and their Applications

Co-authors: Shinde S, Ghonge M

Journal: Current Drug Delivery

Year: 2023; **Volume:** 20; **Issue:** 4; **Pg No:** 335 - 349

Link: <https://www.eurekaselect.com/article/121398>



Title: Topical Film Forming Clotrimazole Emulgel

Co-authors: Venkatesh A, Sathe N

Journal: Indian Journal of Pharmaceutical Education and Research

Year: 2023; **Volume:** 57; **Issue:** 2; **Pg No:** s250-s261

Link: <https://www.ijper.org/article/1999>



Title: An update on advancements in tablet tooling technology

Co-authors: Patil K, Dali P, Nagarsenker M

Journal: Journal of Drug Delivery Science and Technology

Year: 2023; **Volume:** 80; **Issue:** 2; **Pg No:** 104191

Link: <https://www.sciencedirect.com/science/article/abs/pii/S1773224723000436>



Title: Formulation and Evaluation of Oro-dispersible Bromhexine Hydrochloride granules using Sachelac-80

Co-author: Gajbhiye S

Journal: International Journal of Pharmaceutical Investigation

Year: 2023; **Volume:** 13; **Issue:** 1; **Pg No:** 155-161

Link: <https://jpionline.org/10.5530/223097131733>



Dr. Anita
Ayre



Title: Quantitative Determination of Zileuton from Spiked Human Plasma Using Liquid-Liquid Extraction Followed by RP-HPLC & UV Analysis

Co-authors: Karia P. P, Ayre A, Bhagyawant B, Nair D

Journal: International Journal of Pharmaceutical Quality Assurance

Year: 2023; **Volume:** 14; **Issue:** 1; **Pg No:** 1-6

Link: <https://impactfactor.org/PDF/IJPQA/14/IJPQAVol14, Issue1, Article1.pdf>

Research Publications



Mrs. Sonali Munj

Title: Drug Discovery to Drug Development of BACE1 Inhibitor as Antialzheimer's: A Review

Co-author: Patil P

Journal: Current Topics in Medicinal Chemistry

Year: 2023; **Volume:** 23 ; **Issue:** 2 ; **Pg No:** 77-97

Link: <https://benthamscience.com/article/128499>



Title: Treatment with Terminalia chebula Extract Reduces Insulin Resistance, Hyperglycemia and Improves SIRT1 Expression in Type 2 Diabetic Rats

Co-author: Kulkarni Y

Journal: Life

Year: 2023; **Volume:** 13 ; **Issue:** 5 ; **Pg No:** 1168

Link: <https://www.mdpi.com/2075-1729/13/5/1168>



Mr. Ojaskumar Agarwal



Mrs. Pradnya Korlekar

Title: A review of gene mutations, conventional testing and novel approaches to cancer screening

Co-authors: Kulkarni N, Tank S, Shidhaye S, Barve P

Journal: International Journal of Experimental Research and Review

Year: 2023; **Volume:** 30 ; **Pg No:** 134-162

Link: <https://qtanalytics.in/journals/index.php/IJERR/article/view/1707>



Title: Natural Product-derived Phytochemicals as Potential Inhibitors of Angiotensin Converting Enzyme 2 (ACE2): Promising Drug Candidates for COVID-19

Co-authors: Rasal A, Murugan A, Desai N

Journal: Current Drug Therapy

Year: 2023

Link: <https://www.eurekaselect.com/article/131368>



Dr. Aparna Palshetkar



Dr. Reshma Tendulkar

Title: Optimization & green synthesis of silver & gold nanoparticles derived from colocasia esculenta root extract & their potential pharmacological applications

Journal: Indian Drugs

Year: 2023; **Volume:** 60 ; **Issue:** 4 ; **Pg No:** 41-51

Link: <http://www.indiandrugsonline.org/issuesarticle-details?id=MTQYOQ==>



Industrial Projects



Dr. Mangal Nagarsenker
Principal Project Coordinator,
VESCOP



Title of the project: Novel Drug Delivery Development Programme for a lifestyle disease

Co-PI: Ms. Shivali Tank, Dr. Anita Ayre, Mrs. Pradnya Korlekar

Sponsor: Isha Therapeutics



Dr. (Mrs.) Supriya Shidhaye
Principal, VESCOP
(Principal Investigator)



Title of the project: Simplified Liposome Manufacturing

Sponsor: VLAIO, Belgium



Dr. Anita Ayre
Associate Professor, VESCOP
(Principal Investigator)



Title of the project: In vitro permeation studies of a topical formulation

Co-PI: Mrs. Ashwini Wani;

Sponsor: Teledyne Hanson Research



Title of the project: To perform assay and percent purity by HPLC for some organic compounds

Sponsor: Paona Chempro Pvt. Ltd



Title of the project: Analysis of Esomeprazole enteric coated tablet by HPLC method

CO-PI: Dr. Rajan Kalamkar

Sponsor: Shin-Etsu Chemical Tylose India Pvt Ltd



Mrs. Sonali Munj
(Principal Investigator)
Assistant Professor, VESCOP



Title of the project: To find the feasibility of some nitration reactions on lab scale

Sponsor: Paona Chempro Pvt. Ltd

New MOU and Linkages



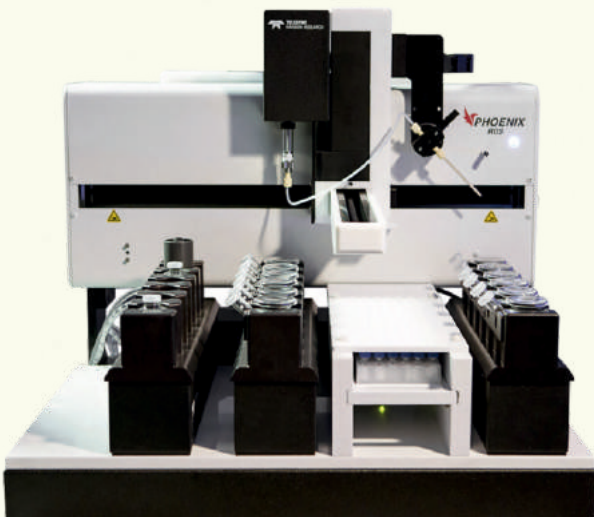
collegedunia



Gansons⁷⁵⁺

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Industry Sponsored Newly Added Facilities



Phoenix RDS Diffusion Cell Apparatus with Autosampler
Sponsor: Teledyne Hanson



Extruder & Spheronizer
Sponsor: P & G

GOVERNMENT FUNDING AGENCIES



ALL INDIA COUNCIL FOR
TECHNICAL EDUCATION



University of Mumbai

Placements



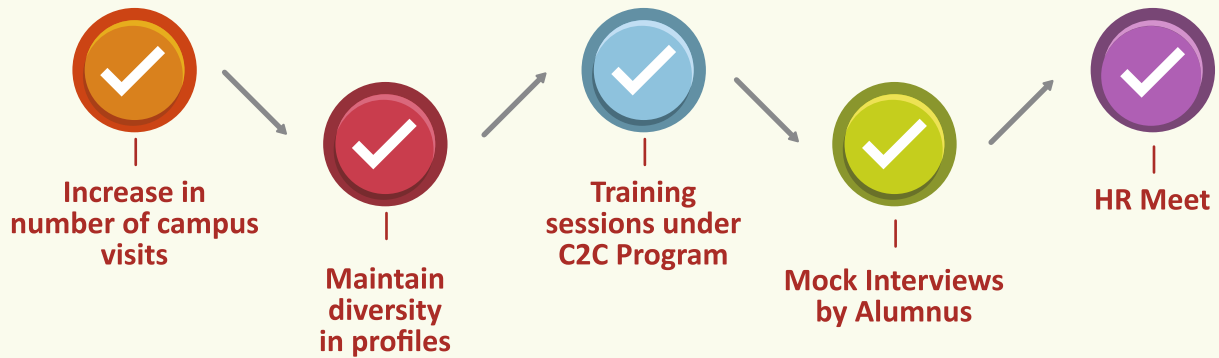
Campus Drive



Lifecare Biosciences Pvt. Ltd.

Aditya Birla Life Insurance

Placement related activities



Our Key Recruiters



Recruiter Bytes



Mrs. Maharukh Rustomjee
Founder, Chief Scientist &
Managing Partner Amaterasu
Lifesciences LLP.



Mr. Vinay Gorle
Sales and Marketing Head
India Lifecare Biosciences
Pvt. Ltd.

"Modern equipment that is necessary for the efficient operation of research projects is available at VESCO. The student's aptitude and comprehension of the study pleased me."

"VESCO is one of Mumbai's top pharmacy schools. Our organisation has received the greatest students from this college."

Industrial Visits



IMPULSE PHARMA PVT. LTD



MELOG SPECIALITY CHEMICALS PVT. LTD.

Alumni Corner



Mr. Ashish Mehta

Co-founder/Techno Commercial
Manager of EliteSynth Laboratories,
Navi-Mumbai
M.Pharm (2016)

"The teachers here have immense knowledge and provided us best teaching guidance. The central instrument laboratory has all the facilities required for our projects. The books and journals in the library were always available to us. It made the learning process hurdle free."

Ms. Pooja Dubey

Business Development Specialist
Personal & Healthcare
ConnellCaldic (India) Pvt. Ltd.
M.Pharm (2017)



"The environment here is very healthy, the staff is encouraging & they have always been supportive. I have learnt & improvised many skills upon joining this college. I would recommend students to join VESCOP to shape their career & experience their dreams coming to reality."

Student Achievements



Scientific Poster Presentation



Gerard Fernandez, and **Amisha Undavia** secured **Second Prize** at Scientific Poster Presentation at National Level Symposium in collaboration with IPA-MSB & APTI-MS on “**Data Analytics and AI-ML: Opportunities in Healthcare**”. The project was guided by **Dr Neha Chhabra**.

Sowparnika Nair and **Akanksha Lad** won **2nd prize** in the 1st National Level Research Poster Presentation Competition in the M.Pharm Category at **NCRD's Sterling Institute of Pharmacy**. This research project was guided by **Mrs Vidhi Bhatia**.



Ms Amisha Undavia, our final Year B. pharm student, won **first prize** at the **young pharmacist innovative project competition (YPIPA)**, Organised by **Saraswati Vidya Bhavan College of Pharmacy, Dombivli**. She was awarded a **cash prize of 15000/-**. She was guided by **Mrs. Ashwini Wani**

Students pursuing Higher Education in International Universities



Northeastern
University



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We have our very own blog. In this blog written exclusively by the teachers, a wide range of pharmacy relevant topics are covered. You can check the blog at: <https://vespharmacy.ves.ac.in/blogs>

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