



Vivekanand Education Society's College of Pharmacy

Sindhi Linguistic Minority, Affiliated to University of Mumbai,
Approved by AICTE, DTE, PCI u/s 12 of Pharmacy Act 1948 & Govt. of Maharashtra
Recognised under section 2(f) & 12 (B) of UGC Act, 1956

"Nurturing Pharmacy Professionals"

**B. Pharm Programme Accredited by
National Board of Accreditation 2016 - 2022**

**Permanently affiliated to University of
Mumbai for B. Pharm. Programme**



**B. Pharm
M. Pharm in Pharmaceutics
M. Pharm in Pharmaceutical Chemistry
M. Pharm in Quality Assurance
Ph.D. (Tech.) in Pharmaceutics
Ph.D (Tech.) in Pharmaceutical Chemistry**

PROSPECTUS 2021-22

Vivekanand Education Society has 23 Institutes with over 25000 students

VES Creche and Day Care Centre	VES Polytechnic
VES Swami Vivekanand English Pre-Primary School	VES Institute of Technology
Swami Vivekanand Prathamik Shala (UNAIDED)	VES Swami Vivekanand Kanishtha Mahavidyalay (AIDED)
VES Institute of Management Studies & Research	VES Swami Vivekanand Junior College
VES DBC Pre- Primary School	VES College of Arts, Science & Commerce (Aided - Courses)
VES Tulsi Technical Institute	VES DBC Primary School
VES Swami Vivekanand High School	Swami Vivekanand Purva-Prathamik Shala
VES College of Law	VES College of Architecture
VES Swami Playgroup & Nursery	VES College of Arts, Science & Commerce (Self- Financing Courses)
VES Swami Vivekanand Kanishtha Mahavidyalay (UNAIDED)	Swami Vivekanand Prathamik Shala (AIDED)
Swami Vivekanand English Pre-Primary School	VES Business School

VES College of Pharmacy

Vivekanand Education Society (H.O.)

58 Years Of Excellence...



Vivekanand Education Society (VES)

The Vivekanand Education Society founded by Shri Hashuji Advani started its educational activities in 1962 with only 256 students in a High School. The society celebrated its golden jubilee in year 2013. The society has flourished by many folds in last 56 years. The excellent and affordable educational conglomeration of institutions, more than 21 colleges, schools and other centers having students strength of 20004 with faculty / teaching staff of 750 and non-teaching staff numbering to 465 under VES umbrella. The society imparts education down from nursery to Graduation, Post-graduation, Ph. D. and Research under highly talented ranking qualified competent faculty members. The Hashu Advani Memorial Complex accommodates the Engineering, Pharmacy and Management colleges affiliated to University of Mumbai and separate hostel facilities for boys and girls. The society also plans to add new courses in collaboration with foreign universities.

Mission of Vivekanand Education Society

To increase the intellectual wealth of the country by providing quality education and building excellent technical skills. To make individuals highly confident, self-reliant and truly global citizens. To develop holistic approach in gaining knowledge, skills and wisdom which would eventually lead to cultural and spiritual integration.

SR. NO.	TABLE OF CONTENT	PAGE NO.
1.	About Us	01
2.	About Us VES Pharmacy College	02
3.	Trustee Incharge & Principal's Desk	03
4.	Vision & Mission	04
5.	Academic Programme & Intake	05
6.	Managing Committee & GB members of VESCOP	06
7.	Teaching Faculty	07
8.	Industrial / Research Advisory body	08
9.	Course of Study (B.Pharm)	09
10.	Course of Study (M.Pharm)	12
11.	Ordinance 0.6086 for attendance	13
12.	Admission Process (B.Pharm & M.Pharm)	14
13.	Fees	17
14.	Scholarship scheme	18
15.	Student's Affair	19
16.	Infrastructure	22
17.	List of Key Equipments in College Laboratories	24
18.	Safety Rules	26
19.	Cells & Departments	27
20.	Special Features of VESCOP	29
21.	Awards & Accolades	30
22.	VESCOP Initiatives	32
23.	Activities 2020-21	33
24.	Beyond Academics	34
25.	Campus to Corporate	35
26.	Memorandum of Understanding	36
27.	Academic Toppers	37
28.	Alumni	38
29.	M.Pharm PSO	42
30.	Things to know about VESCOP	43



Our Founder

Late Shri Hashu Advani

The Visionary Behind VES

Late Shri Hasu Advani was a visionary who chose education to build a strong nation. He felt the compelling need to build an institution, which makes education accessible to students from all strata of society and inculcates high moral values in them. It was his inspirational vision that laid the foundation of Vivekanand Education Society (VES) in the year 1962.

Big thinking indeed precedes great achievements. Today, the society runs 23 educational institutions offering courses from Pre-Primary to Ph.D. The journey that started with 256 students in 1962 has now expanded to accommodate more than 25000 students, who are taking various courses across these 23 institutes. Addressing the rising importance of the Health Care Sector, and the need for pharma professionals, VES College of Pharmacy (VESCOP) came into being through the vision and efforts of our respected Trustee In charge Shri. B. L. Boolani.

Since its inception in 2007, VESCOP with its research culture, academic excellence, dedicated faculty members, multi-interdisciplinary approach, state-of-the-art facilities, and strong industry linkages has produced several Pharma professionals in India and abroad. Our goal is to impart quality Education and contribute towards character building of students. We are dedicated to transforming each student into a responsible human being and future-ready professional.

Vivekanand Education Society's College of Pharmacy was established in the year 2007 under the guidance of **Shri. B. L. Boolani, trustee-in-charge** of Vivekanand Education Society. The Institute was established with a mission to work closely with industry and work on solving problems for Industry. The Institute is headed by **Principal, Prof. (Mrs.) Supriya Shidhaye**, since July 2009 and works with the vision to create competent pharmacy professionals to positively impact healthcare of the Society.

At present the Institute conducts B. Pharm. Course with 100 intake and M. Pharm. Courses in three disciplines i. e. Quality Assurance, Pharmaceutics and Pharmaceutical Chemistry with intake of 15 each. The Institute also conducts Ph.D. Programs in the branches of Pharmaceutics (Intake 12) and Pharmaceutical Chemistry (Intake 6) and all programs are affiliated to University of Mumbai. The Institute is approved by All India Council for Technical Education (AICTE), Pharmacy Council of India (PCI) & Government of Maharashtra. The institute is listed under section 2(f) & 12(B) of the UGC Act, 1956.

VESOP has received NBA Accreditation for the B. Pharm. till 2022 as per Outcome Based Education - OBE System, Washington accord. National Centre of Quality Management awarded the Institute with top ranks in two consecutive years, 2018 and 2019 in the contest of **"Best Educational Quality Enhancement Team"**. The Institute has been awarded as Best Industry Linked Pharmacy Institute PAN India in 2018 in AICTE-CII survey consistently receiving most premier platinum rating for past cycles of survey. The Institute has been ranked 63rd and 67th among Pharmacy institutes across the nation at NIRF 2020 and 2019 respectively.



Trustee Incharge Desk

It has been Fourteen Years since the commencement of VES College of Pharmacy and it is pleasure and privilege for me to witness this institution growing from a small dream to reaching the great heights it has. The VES College of Pharmacy after 14 years of its glorious establishment steadily endeavors towards its goal of providing holistic process of teaching and learning. Our endeavor to inculcate the ability to learn; apply the knowledge acquired; improvise, innovate and create remains our mission in progress. For effective transformation of teaching into learning, newer and technology enabled teaching methods are encouraged and advocated.

The academic year 2020-21 has been equally an eventful year with our institute achieving many laurels at state and national level. Our institution has worked hard towards creating an ecosystem where academicians, students and industry can work in collaboration with one another. The induction of the

Institution's Innovation Council (IIC) has marked the beginning of our journey to train young minds to innovate, create and nurture them to become entrepreneurs.

It gives me a sense of pride and satisfaction to see VESCOLP and its student discover new levels of success. As a trustee-in-charge, I am committed to make best resources available to the institute to maintain high quality standard in education and to build research culture.



Shri. B. L. Boolani
(Trustee In-charge VESCOLP)

Shri B. L. Boolani

Trustee-in-charge VESCOLP

Principal Desk

VES College of Pharmacy was established in year 2007 as an initiative of the senior most trustee Shri. B. L. Boolani ji.

In the span of 14 years our institute has grown by leaps and bounds. We are running B.Pharm, M.Pharm & Ph.D programs affiliated to University of Mumbai. Our B. Pharm program has received permanent affiliation of University of Mumbai.

Our vision is to create competent pharmacy professional who can positively impact healthcare of society.

With this vision in mind, our mission is to set up state of the art infrastructure, recruit experienced and dedicated faculty members and committed support staff working towards maintaining high quality standard in education. We strive hard to maintain active industry institution interaction. We have a joint research collaboration with Proctor and Gamble and some more reputed industries.

VES is Scientific Industrial Research Organisation i.e. SIRO recognised by DSIR Govt. of India.

AICTE – CII survey for the best Industry linked Technical Institute has recognised our industry linkages consistently by rating us with Platinum ranking and awarding “First Rank PAN India in the year 2018.

In order to maintain innovation and research ecosystem at our institute, we have invited Prof. Mangal Nagarsenkar as research advisors and our institute has successfully completed some industry and Govt. funded projects under her guidance.

Keeping the objective of inculcating entrepreneurship aptitude among our students, we have set up “Institutions Innovation Cell (IIC)” as per the guidelines of Ministry of Education innovation cell. Our annual activities like Chemtastic, Ignition, Technology

showcase have always received very good response and in 2019 we received 4-star rating by Ministry of Education Innovation Cell for our IIC.

VES was ranked in the band of 26-50 at National Level in the category of Private or self-financed College / institute in Atal Ranking of Institution on Innovation Achievement (ARIIA) 2020 announced in August 2020.

We have Campus to corporate transition cell working actively for the holistic development of our students and we keep on increasing exposure of our students to the professional world by regularly conducting add on certificate courses, seminars and workshops by the industry experts.

Our students have reciprocated our efforts by demonstrating all round performances in their professional career which motivates us further to work harder for their overall development.

Recently our research scholars received Gold Medals in Inter University Research Convention, Avishkar 2021. VESCOLP also received University of Mumbai overall championship trophy in medicine & pharmacy and in Pure science category at Avishkar 2020-21.

Our achievements in research with more than 130 publications, 6 patents and progressive academic track record helped us in improving our NIRF rank with 63rd rank conferred in 2020.

We have a long way to go and as a team, VESCOLP is committed to serve to the professional growth of our students.

Wishing you all the best.



Dr. Supriya Shidhaye
(Principal)

“Creating Competent pharmacy professionals to positively impact healthcare of the Society”.



In pursuance of its vision, VES College of Pharmacy aims to excel in the field of pharmacy education and research by:

1. Maintaining quality education through competent faculty members, skilled support staff and state-of-the-art infrastructure.
2. Providing conducive academic environment of high standard that encourages interactive learning, builds research abilities and provides opportunities for active professional network.
3. Inculcating the values and commitment towards better healthcare of the society.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

Graduates of Programme will be able to:-

- a) Expand the knowledge base by pursuing higher studies in various fields of pharmaceutical sciences and / or management.
- b) Contribute to the healthcare industry through research, development and other healthcare services.
- c) Generate job opportunities through creation of start ups.
- d) Serve the societal needs of health care with professional ethics and commitment.

B.Pharm

First Year B. Pharm - 100 seats
Direct S. Y. B. Pharm
Lateral Entry - 10 seats

M.Pharm

Pharmaceutics - 15 seats
Quality Assurance - 15 seats
Pharmaceutical Chemistry - 15 seats

Ph.D. (Tech)

Pharmaceutics - 12 seats
Pharmaceutical Chemistry - 06 seats

The college is approved by All India Council for Technical Education (AICTE) New Delhi, Directorate of Technical Education (DTE) Maharashtra State, Pharmacy Council of India (PCI) and Government of Maharashtra. It is affiliated to University of Mumbai.

Minority status of the college & seat distribution

The college is a co-ed college. The college has a Sindhi Linguistic Minority status as per letter no.

अशैस-२००८/१०१/(८६)/ प्र. क्र. ३५९ / २००८ का. १, dated 10/11/ 2009, and in accordance to the same 51% seats are reserved for Minority Candidates.

Table No. 1 Admission status 2020-21

Course Name & Sanctioned Intake (SI)	Seats Available		Seats Filled								
	General	Sindhi Minority Seats 51% SI	Socially Backward Classes SC, OBC Etc.		Minority		Open		Total		
			M	F	M	F	M	F	M	F	T
F. Y. B. Pharm -(100)	49	51	10	10	1	1	25	57	36	68	104
Direct S. Y. B. Pharm -(10)	5	5	1	1	3	2	4	2	8	5	13
F. Y. M. Pharm in Pharmaceutics -(15)	7	8	0	3	0	0	3	9	3	12	15
F. Y. M. Pharm in Quality Assurance -(15)	7	8	3	6	0	0	1	5	4	11	15
F. Y. M. Pharm in Pharmaceutical Chemistry - (6)	7	8	1	0	0	0	3	2	4	2	6

Managing Committee of VES



Sr. No.	Name	Designation
1	Shri. Amar T. Asrani	President
2	Shri. Rajesh Gehani	Secretary
3	Shri Suresh Malkani	Treasurer
4	Shri B. L. Boolani	Member & Founder Trustee In-charge, (VESCOP)
5	Shri Bansi Wadhwa	Member
6	Dr. (Shri) Prakash Lulla	Member
7	Smt. P. U. Vaswani	Member
8	Shri Vishu Lala	Member
9	Shri R. A. Bhagia	Member
10	Shri Sunil Rajani	Member

Governing Body of VES College of Pharmacy

Sr. No.	Name	Designation
1	Shri. Amar Asrani	Chairman, President VES
2	Shri. B. L. Boolani	Member, Founder Trustee In-charge, VESCOP.
3	Shri. Rajesh Gehani	Secretary, VES
4	Shri. Suresh Malkani	Treasurer, VES
5	Dr. Amit Antarkar	Member, Scientist, R & D
6	Dr. M. D. Khubchandani	Member, Retired Senior Vice President, Elder Pharmaceuticals
7	Dr. Saroj Talwalkar	Member, Educationist & Practicing Physician
8	Dr. L. M. Pancholia	Member, Educationist & Practicing Physician
9	Dr. Amit Datta	Member, Ex-officio, Director, Western Regional Office, AICTE
10	Dr. Pramod Naik	Member, Ex-officio Director, DTE
11	Prof. Bala Prabhakar	Member, AICTE Nominee
12	Dr. Parag Gide	Member, Nominee, Mumbai University
13	Dr. Rajendra B. Undavia	Member, MBBS, M.D (Paediatrics)
14	Prof. Jharana Das	Special Invitee
15	Dr. Supriya Shidhaye	Member Secretary, Principal, VESCOP
16	Mr. Milind Ghadi	Office Superintendent

Teaching Faculty



VESOP is proud to have a line-up of distinguished, dedicated and skilled faculty of highly qualified members. Our well experienced and trained staff members relentlessly strive towards bringing out the best in our students, academically and culturally.

Sr. No.	Name	Teaching & industrial Experience	Designation	Educational Qualification	PG recognition by Univ. of Mumbai in The subject
1.	Dr. (Mrs.) Supriya S. Shidhaye	28 Years	Prof. & Principal (Pharmaceutics)	Ph.D.(Tech) in Pharmaceutics	P'ceutics & QA*, Ph. D. (Tech) in Pharmaceutics
2.	Prof. (Dr.) Mangal Nagarsenkar	36 Years	Ho. Professor & Research advisor	Ph.D (Tech) in Pharmaceutics	-
3.	Dr. (Mrs.) Ganga Srinivasan	25 Years	Professor (Pharmaceutics)	Ph.D (Pharmaceutics)	Pharmaceutics & QA, Ph. D. in Pharmaceutics
4.	Dr. (Mrs.) Rajashree Hirlekar	27 Years 6 Months	Professor (Pharmaceutics)	Ph.D.(Tech) in Pharmaceutics	Pharmaceutics & QA, Ph.D in Pharmaceutics
5.	Dr. Mushtaque Shaikh	15 Years	Associate Professor (Pharmaceutical Chemistry)	Ph.D. (Pharmaceutical Chemistry)	Pharmaceutical Chemistry, Ph.D. in Pharmaceutical Chemistry
6.	Dr. (Mrs.) Anita Ayre	14 Years	Associate Professor (Quality Assurance)	Ph.D. (Pharmaceutical Chemistry)	Quality Assurance
7.	Dr. Shweta Gupta	12 Years	Associate Professor	Ph.D. (Pharmaceutical)	-
8.	Mrs. Harsha Kathpalia	23 Years 8 Months	Assistant Professor	M. Pharm	QA. & Pharmaceutics
9.	Mrs. Vidhi Bhatia	18 Years	Assistant Professor	M. Pharm	QA. & Pharmaceutics
10.	Mr. Keyur Shastri	14 Years 5 Months	Assistant Professor	M. Pharm	QA. & Pharmaceutics
11.	Mr. Ojaskumar Agrawal	13 Years 5 Months	Assistant Professor	M. Pharm	Pharmaceutical Chemistry & QA
12.	Mrs. Sonali Munj	12 Years 6 Months	Assistant Professor	M. Pharm	Pharmaceutical Chemistry
13.	Mrs. Ashwini Wani	12 Years 5 Months	Assistant Professor	M. Pharm	Quality Assurance
14.	Mrs. Pradnya Shinde Korlekar	11 Years 6 Months	Assistant Professor	M. Pharm	Pharmacology & QA
15.	Ms. Chaitali Surve	8 Years	Assistant Professor	M. Pharm	Pharmaceutics
16.	Dr. Anand Chintakrindi	8 Years	Assistant Professor	Ph.D. (Pharmaceutical Chemistry)	-
17.	Mr. Praik Barve	3 Years 6 Months	Assistant Professor	M. Pharm	-
18.	Mr. Avinash Suryawanshi	9 Years 2 Months	Assistant Professor	M. Pharm	-
19.	Dr. (Mrs.) Neha Chhabra	2 Years	Assistant Professor	Ph.D. (Pharmaceutics)	-
20.	Dr. (Mrs.) Aparna Palshetkar	5 Years 7 Months	Assistant Professor	Ph.D. (Pharmaceutics)	-
21.	Ms. Bhagyashree Parab	6 Years	Assistant Professor	M. Pharm	-
22.	Mrs. Prachitee Ayare	3 Years	Assistant Professor	M. Pharm	-
23.	Mrs. Rashmi Wani	7 Years	Assistant Professor	M. Pharm	-
24.	Mrs. Khushboo Malbani	5 Years	Assistant Professor	M. Pharm	-
25.	Mrs. Mamta Venna	5 Years 3 Months	Assistant Professor	M. Pharm	-
26.	Ms. Shivali Tank	2 Years	Assistant Professor	M. Pharm	-
27.	Mr. Sunil Patil	2 Years	Assistant Professor	M. Pharm	-

Teaching Faculty



Dr. Supriya Shidhaye
Principal



Dr. Mangal Nagarsenkar
Hon. Prof.
& Research Advisor



Dr. Ganga Srinivasan
Professor



Dr. Rajashree Hirlekar
Professor



Dr. Mushtaque Shaikh
Associate Prof.



Dr. Anita Ayre
Associate Prof.



Dr. Shweta Gupta
Associate Prof.



Dr. Aparna Palshetkar
Asst. Prof.



Mrs. Harsha Kathpalia
Asst. Prof.



Mrs. Vidhi Bhatia
Asst. Prof.



Mr. Keyur Shastri
Asst. Prof.



Mr. Ojas Agrawal
Asst. Prof.



Mr. Pratik Barve
Asst. Prof.



Ms. Chaitali Surve
Asst. Prof.



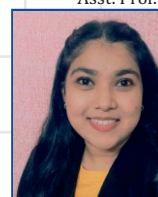
Mrs. Sonali Munj
Asst. Prof.



Mrs. Ashwini Wani
Asst. Prof.



Mrs. Pradnya Korlekar
Asst. Prof.



Mrs. Shivali Tank
Asst. Prof.



Ms. Bhagyashree Parab
Asst. Prof.



Dr. Neha Chhabra
Asst. Prof.



Mrs. Rashmi Wani
Asst. Prof.



Ms. Prachitee Ayare
Asst. Prof.



Mrs. Mamta Venna
Asst. Prof.



Mr. Avinash Suryavanshi
Asst. Prof.



Dr. Anand Chintakrindi
Asst. Prof.



Mr. Sunil Patil
Asst. Prof.

Industrial / Research Advisory Body

Sr. No.	Name	Designation
1.	Shri. B. L. Boolani,	Founder Trustee In-charge, VESCOP Chairman, IAB/ DAB, VESCOP
2.	Dr. Hitesh Doshi	Managing Director, Indeus Life Sciences Pvt. Ltd. Member, IAB/ DAB, VESCOP
3.	Dr. Anniruddha Patwardhan	CEO, SETU Creative solutions, Member, IAB/ DAB, VESCOP
4.	Mr. Edward Coutinho	Head Business Development, Portfolio & Alliance Management, Novartis Healthcare Pvt. Ltd.
5.	Mr. Bharat Talreja	Senior Marketing Manger, Member, IAB/ DAB, VESCOP
6.	Dr. Vaishali Dhavse	Associate Director Sanshodhan (Center for Pharmaceutical Development) Member, IAB/ DAB, VESCOP
7.	Mr. Sushant Raorane	Director, Advait Biomed Ltd., Member, IAB/ DAB, VESCOP
8.	Dr. Sumedha Nadkar	Senior Director & Site Head, Perrigo Laboratories India Ltd. Member, IAB/ DAB, VESCOP
9.	Dr. Manish Grover	Research & Development Scientist with vast experience in industry Member, IAB/ DAB, VESCOP
10.	Mr. Hemant Deshpande	Managing Partner, Pollux Supply Chain Solutions LLP, Member, IAB/ DAB, VESCOP
11.	Dr. Amit Antarkar	Member, Scientist, Research & Development, Actavis Member, IAB/ DAB, VESCOP

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table – I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – I to VIII.

Table-I: Course of study for semester I (B. Pharm First Year)

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II- Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology - Theory	3	1	4
BP205T	Computer Application in Pharmacy - Theory*	3	-	3
BP206T T	Environmental Sciences Theory*	3	-	3
BP207P	Human Anatomy and Physiology II – Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
Total		32	4	29

Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course. \$ Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course. * Non-University Examination (NUE)

Table-II: Course of study for semester II (B. Pharm First Year)

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I- Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106T RBT	Remedial Biology/	2	-	2
BP106T RMT	Remedial Mathematics – Theory*			
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
Total		32/34\$/36#	4	27/29\$/30#

Table-III: Course of study for semester III (B. Pharm Second Year)

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering - Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP308P	Pharmaceutical Engineering – Practical	4	-	2
Total		28	4	24

Table-IV: Course of study for semester IV (B. Pharm Second Year)

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III – Theory	3	1	4
BP402T	Medicinal Chemistry I - Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I - Theory	3	1	4
BP405P	Pharmacognosy and Phytochemistry I – Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4	-	2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I - Practical	4	-	2
Total		31	5	28

Table-V: Course of study for semester V (B. Pharm Third Year)

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial Pharmacy I – Theory	3	1	4
BP503T	Pharmacology II - Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II – Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence - Theory	3	1	4
BP506P	Industrial Pharmacy I – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II - Practical – Practical	4	-	2
Total		27	5	26

Table-VI: Course of study for semester VI (B. Pharm Third Year)

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III - Theory	3	1	4
BP603T	Herbal Drug Technology - Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology - Theory	3	1	4
BP606P	Quality Assurance – Theory	3	1	4
BP607P	Medicinal Chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
Total		30	6	30

Table-IX: Semester wise credits distribution

Course code	Credit Points
I	27/29\$/30#
II	29
III	24
IV	28
V	26
VI	30
VII	24
VIII	22
Extracurricular/ Co-curricular activities	01*
Total Credit Points for the program	211/ 213\$/214#

* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

\$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

#Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

NOTE: B. Pharm Final Year – Semester VII & VIII Syllabus is as per University of Mumbai Syllabus guidelines.

Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
SEMESTER I					
MPH102T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
SEMESTER II					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Course of study for M. Pharm. (Pharmaceutical Chemistry)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
SEMESTER I					
MPC102T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC102T	Advanced Organic Chemistry -I	4	4	4	100
MPC103T	Advanced Medicinal chemistry	4	4	4	100
MPC104T	Chemistry of Natural Products	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
SEMESTER II					
MPC201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPC202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPC203T	Computer Aided Drug Delivery System	4	4	4	100
MPC204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPC205P	Pharmaceutics Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Course of study for M. Pharm. (Pharmaceutical Quality Assurance or Quality Assurance)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
SEMESTER I					
MQA102T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MQA102T	Quality Management System	4	4	4	100
MQA103T	Quality Control and Quality Assurance	4	4	4	100
MQA104T	Product Development and Technology Transfer	4	4	4	100
MQA105P	Pharmaceutical Quality Assurance Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

SEMESTER II

MQA201T	Hazards and Safety Management	4	4	4	100
MQA202T	Pharmaceutical Validation	4	4	4	100
MQA203T	Audits and Regulatory Compliance	4	4	4	100
MQA204T	Pharmaceutical Manufacturing Technology	4	4	4	100
MQA205P	Pharmaceutical Quality Assurance Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Course of study for M. Pharm. III and IV Semesters (Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
MRM301T	Research Methodology and Biostatistics*	4	4
	Journal club	2	2
	Discussion / Presentation (Proposal Presentation)	5	5
	Research Work	30	30
	Total	41	41

* Non-University Exam

Choice Based Credit Grading System

Please refer www.mu.ac.in

URL: <https://mu.ac.in/wp-content/uploads/2020/02/4.39-B.pharm-26.7.19.pdf>

Choice Based Credit Grading System

Please refer www.mu.ac.in

URL: <https://mu.ac.in/wp-content/uploads/2020/02/4.38-M.pharm-26.7.19.pdf>

Extracts from University of Mumbai Ordinance 0.6086

For granting the terms in each subject minimum attendance of 75% of the theory, lectures, practicals & tutorials (wherever prescribed) separately will be required out of the total number of lectures, practicals and tutorials in the subject conducted in the term.

The defaulter's list for each month will be exhibited on the Notice Board of the college in the first week of the following month.

At the end of the term, the Principal will issue letters to the parents/guardians of the defaulting students informing them of the deficiency in attendance of their ward and drawing their attention to the provisions of the 0.6086.

In addition, the parents/guardians should be warned that, unless their ward fulfills the attendance requirements as stated in the relevant Ordinance/s, his/her term/s will not be granted, and he/she will not be permitted to appear for the annual examination, and his/her performance if any, during the term/s will be treated as null and void.

The report of the defaulters shall be sent to the Director, Board of College and University Development at the end of the first and Second Terms three weeks prior to the commencement of the examination of the respective class.

About the course & Eligibility Criteria

B. Pharm course

Bachelor of Pharmacy or B. Pharm. is an undergraduate degree course in Pharmacy. The duration of this course is 4 years. The students who are interested in the Human Health care can opt for this course after the completion of class 12th (PCM/B). On completion of Diploma in Pharmacy students can be directly admitted to Second Year B. Pharm.

The B. Pharm. is one of the popular job oriented Courses among the science students after class 12th. In this course the students study about the drugs and medicines, Pharmaceutical Engineering, Medicinal Chemistry, pharmaceuticals, Pharmacology etc. This course provides a large no. of job opportunities in both the public and private sector. A graduate from the course is recognized as "Registered Pharmacist" by Maharashtra State Pharmacy Council".

There are various career options available after the completion of B. Pharm. degree. The students can go for higher studies in the Pharmacy i.e. Master of Pharmacy (M. Pharm.) or can work in pharmaceutical industry in various sectors like Manufacturing, R&D, marketing & sales, Regulatory affairs, etc. He/ She can also opt for a career as retail Pharmacist, Analytical Chemist, Drug Inspector, Drug Analyst or Lecturer in diploma pharmacy institute.

Pharmacy graduate can also pursue various post graduate courses in Regulatory affairs, cosmeticology, Clinical research, Clinical data management, Pharmacovigilance etc. This field is one of the evergreen fields in the health care sector, with increasing demand of Pharma professional every year.

Eligibility Criteria for admission for the course

(Please refer Information Brochure published by State CET CELL Govt. of Maharashtra for the A.Y. 2021-22.)

Direct Second Year (Lateral Entry)

(Please refer Information Brochure published by State CET CELL Govt. of Maharashtra for the A.Y. 2021-22.)

** "As per provision to regulations 4. A. II (PCI) of the B. Pharm. course regulations, 2014, a student should complete the age of 17 years on or before 31st December of the year of admission to the course"

M. Pharm Course

About the course

The College is conducting four semesters (2 Years) programme of University of Mumbai leading to the Master in Pharmacy in 3 branches viz. Pharmaceuticals, Quality Assurance & Pharmaceutical Chemistry.

The student graduating with a Master's degree can choose a profession as Manufacturing Executive, Research & Development Executive, and Analytical Executive and can also enter into the profession of teaching as Assistant Professor in Pharmacy College.

Course work:

The subjects to be taught, as core ancillary or compulsory subjects, electives, seminar topics and research projects shall be announced from time to time or shall be given by the research advisors to the scholars registered with them. The elective offered by the college will be announced at the time of the beginning of the academic term.

It will be obligatory for every postgraduate student to undertake 8 -10 hrs. (per week) of work related to teaching and assistance in research activities as assigned to him/ her by the Head/ Principal of the Department/ College in addition to his regular academic activities. This includes tutorials, practical, classes, development & maintenance of laboratory, assistance in research and development activity, computers and other facilities,

assistance in library, etc.

All students are required to give an undertaking to the effect that he/ she would not leave the course midway or appear in any competitive examination in order to be eligible to receive scholarship. During the course of studies, the student shall not receive any emoluments, salary, stipend etc. from any other source, in case he/ she is receiving stipend/ scholarship from AICTE or any other source.

The student shall be entitled for leave for maximum period of 30 days per year including summer/ winter, etc. in addition to general holidays but he is not entitled to vacations.

The seat distribution will be done by State CET Cell, Government of Maharashtra

Eligibility Criteria

(Please refer Information Brochure published by State CET CELL Govt. of Maharashtra for the A.Y. 2021-22.)

Ph. D. (Tech.) in Pharmaceutics & Pharmaceutical Chemistry

The college is an approved Research Centre of University of Mumbai and has been allotted 12 seats for Pharmaceutics & 06 seats for Pharmaceutical Chemistry.

The eligibility to enroll to the course of the University of Mumbai as mentioned in VCD No. Exam/Thesis/ Univ./VCD/947 of 2018, (copies can be downloaded from www.mu.ac.in / vespharmacy.ves.ac.in).

Admission procedure

All the seats under Sindhi Linguistic Minority Quota and Non-Minority Quota will be available for admission through Centralised Admission Process (CAP). There will be computerised allotment of seats through Centralised Admission Process as per Rule "CAP Allotment Stages and Process of Allotment" of the Information Brochure published for the Academic Year 2021-22 for Admission to Full Time Professional Undergraduate Technical Courses and Full Time Professional Post-Graduate Technical Courses published by Govt. of Maharashtra, State Common Entrance Test Cell. "<http://www.mahacet.org>"

(The College has 51% of Minority seats, these seats will be allotted to candidate belonging to Sindhi Linguistic Minority and on unavailability of such candidates remaining seats will be allotted to other candidate as per rule specified above). Please refer table no.01 for admission status of Academic Year 2020-21 page no.5.

This admission does not have any bearing regarding the stipend / scholarship of any kind from any agency.

Admission at Institute on Vacant Seats after CAP

- Admissions shall be made in a transparent manner and strictly as per the Inter-se-Merit of the Candidates who have applied to the Competent Authority for verification of documents and then to the college/institute.
- Institution shall invite applications by notifying schedule of admission and the number of seats in each course to be filled by the institution, by advertisement on the website of the institution.
- The candidate is said to be "Provisionally Admitted Candidate" when he/she pays complete fee and furnishes all the Original Documents required for the respective "Seat Type" including documents for eligibility.

The duly filled and signed application form with all the necessary documents of aspiring candidates fulfilling eligibility criteria as notified by the Govt. and specified by the appropriate authority, from time to time should reach to college before last date specified in admission schedule published by College.

Pre Registration of Students to University of Mumbai

The students have to follow the instructions as given by University of Mumbai for enrollment purposes, website address: <http://mum.digitaluniversity.ac>. Refer 'Download Section', click on 'more' and download "Pre-admission online registration process for student" for detailed instructions of filling online enrollment form.

Pre Registration of students to University of Mumbai is compulsory.

Original documents required at the time of Admission:

Candidate has to submit Leaving Certificate of last attended college / institute and valid score card of all competitive examinations along with Original documents uploaded at website "<http://www.mahacet.org>" at the time of document verification and confirmation of application form facilitation centre to confirm admission at the Institute/ College. Candidate passing qualifying examination from Other than University of Mumbai has to submit marksheets of all semesters in Original in addition to above documents.

Candidate wish to take admission under Sindhi Linguistic Minority Quota has to submit Domicile Certificate in the name of candidate and proof that candidate is belong to Sindhi Linguistic Minority.

If letter grades are assigned at SSC, HSC, Diploma, Bachelor or its equivalent examination, the Candidate must submit the certificate of conversion of letter grades into equivalent marks from the concerned Competent Authority or Board at the time of admission.

Candidate passing qualifying examination from Maharashtra State Board or/and University of Mumbai has to submit two sets of photocopies of all above Original documents at the time admission. Additional one set of photocopies will require to submit if candidate is passing qualifying examination from other than Maharashtra State Board or/and other than University of Mumbai. Other than home university candidate needs to submit migration certificate and passing certificate of last qualifying exam.

Candidate needs to submit GAP certificate if applicable.

Cancellation of Admission and Refund of Fees

(Please refer Information Brochure published by State CET CELL Govt. of Maharashtra for the A. Y. 2021-22.) www.mahacet.org

- ✦ Admission of candidates who has been admitted to College will be treated as finally confirmed only after enrolment/final eligible certificate received from the university to which the college is affiliated and the final approval to the admitted candidates is received from the competent authority.
- ✦ Any issue not covered herein above regarding admission to Bachelor of Pharmacy and Master of Pharmacy course, kindly refer "Information Brochure (Academic Year 2020-2021) published by Government of Maharashtra, State Common Entrance Test Cell for the respective courses.

Anti-Capitation Fee Act:

The college does not charge any donation or capitation fee. The college strictly abides to the rules & regulations mentioned in Maharashtra Act, No. VI of 1988 (Prohibition of Capitation fees) Act, 1987.

Fees

Mode of Payment of College Fees

- All credit card & debit card accepted (with charges at actual)
- Payment by Demand Draft or Bank pay order in favour of
"VES College of Pharmacy – B. Pharm" (For B. Pharm) payable at Mumbai
"VES College of Pharmacy" (For M. Pharm) at the Students Counter, in the college office.
- NEFT/ RTGS/ UPI Payments. (Collect required details from college)
- No Cash or cheques will be accepted in any circumstances.

Refund of Deposits

- The refundable deposits, if not claimed within one year of ceasing to be a student is liable to be forfeited. Deposit receipt must be preserved carefully and produced while making the claim.

Fees

Fees for the Academic Year 2021-22

Class	Tuition & Development Fee ₹	Ref.: www.sssamiti.org (Minutes of meeting of Fee Regulating Authority)
First Year B. Pharm.*	-	-
Second Year B. Pharm.	1,73,000.00	Dated 18 th January, 2020
Third Year B. Pharm.	1,62,500.00	Dated 20 th December, 2018
Final Year B. Pharm.	1,45,000.00	Dated 19 th April, 2021
First Year M. Pharm.	1,71,000.00	Dated 18 th January, 2020
Second Year M. Pharm.	1,71,000.00	Dated 18 th January, 2020

"*Fees are subject to prevalent norms of Fee Regulating Authority."

Other Fees

Over and above the tuition fee and development fee, caution money (Rs. 5000/-), University dues like Enrollment, Eligibility, Examination Fee, E Suvidha, NSS, Gymkhana Fee, DRF, UCF, VCF, UNI. Sports & extra curricular, Students Group Insurance & PG registration fee will be charged separately as applicable. This will be notified/displayed on the college notice board and website (www.ves.ac.in/pharmacy) from time to time. The other terms and conditions applicable for payment of fees is as notified by Fee Regulation Authority, Government of Maharashtra.

Hostel Fee* (Only for students availing hostel)

The hostel fee is given below for Year 2021-22		
Particulars	Amount	Payable to
Hostel Accommodation Charges (For 10 Months)	Rs. 55,000/-	Demand draft to be drawn in favour of "V.E.S. Hostel"
Mess Charges (For hostel students mess is compulsory)	Rs. 58,500/-	Demand draft to be drawn in favour of "Vivekanand Education Society – Mess A/c"
Security Deposit (refundable) for fresher only	Rs. 2,000/-	Demand draft to be drawn in favour of "V.E.S. Hostel"
Total Fees	Rs. 1,15,500/-	

(* subject to change)

Scholarship Scheme for Undergraduate & Post Graduate Students



Scholarship scheme and concession in fees:

Eligible Students can avail the benefit of the scholarship schemes introduced by Government of Maharashtra/ Government of India, (Only one scholarship / freeship at a time – Ref DTE circular dated 23/04/2015) for getting concession in fees/ refund of fees, by applying within date, complying with all the eligibility conditions and required documents specified by the respective Scholarship Authorities from time to time.

Please refer the respective website to know more the schemes.

Sr. No.	Scholarship Scheme	Website
1	Government of India Scholarship Scheme	http://www.mahadbtmahait.gov.in
2	Scholarship Scheme for Economically Backward Classes	http://www.mahadbtmahait.gov.in
3	Scholarship for small land holders and registered workers	http://www.mahadbtmahait.gov.in
4	State Government Minority Scholarship	http://www.mahadbtmahait.gov.in
5	Central Government Scholarship (Merit-Cum-Means Minority Scholarship)	http://www.scholarships.gov.in
6	PG Scholarship (AICTE)	students>scholarships">http://www.aicte-india.org>students>scholarships
7	Vidyalakshmi portal	https://www.vidyalakshmi.co.in

The college will not be held responsible if the students do not comply with the norms, documents required and deadline of the respective scholarship.

Scholarships

VESOP students have received following scholarships in the academic year 2021-22

Sr. No.	Scholarship Given By	No. of Students		Total Amount Received
		UG	PG	
1	VESOP Merit cum Need Scholarship	2	-	75,000.00
2	Ms. Smita Das	16	6	6,00,000.00
3	VES Trust	3	1	85,000.00
4	Malharbai Foundation	-	1	20,000.00
5	VES Shreshtha Award	3	-	30,000.00
6	Shri Ram Keswani Protsahan Puraskar	1	-	40,000.00
7	SRT Scholarship (Suman Ramesh Tulsiani Trust)	9	-	1,23,000.00
8	Ratan Tata Scholarship (By applying to the trust as per their protocol)	10		4,28,000.00
9	Transunion Scholarship (By applying to the trust as per their protocol)	S.Y. (12) TY (23)		4,80,000.00 9,20,000.00
10	AICTE	-	20	12400/ month per student

Congratulations to our Scholarship Winner



Hitesh Lodh
VES Shreshtha Award Winner
Final Year B. Pharm



Abhishek Sahu
VES Shreshtha Award Winner
Final Year B. Pharm



Sakshi Bagal
VES Shreshtha Award Winner
Second Year B. Pharm



Ankita Rai
Shri Ram Keswani Protsahan
Puraskar Winner
Third Year B. Pharm



Vivekanand
Education Society's
College of Pharmacy, Mumbai

Return of original certificate

All the original certificates like Mark Sheets, Passing Certificate, Caste Certificate, Domicile Certificate etc. submitted at the time of admission will be returned to the students after all the admission formalities with the University/DTE are completed. Pharmacy registration of students registered as 'Registered Pharmacist' will be retained with the college till candidate ceases to be a student.

Risks (insurance):

Students are covered under Oriental Insurance Company Ltd. as per the directions of the University of Mumbai.

Attendance compliance on part of student

- Every bonafide learner shall ordinarily be allowed to keep terms for the given semester in a program of his enrolment, only if, if he fulfills at least seventy five percent (75%) of the attendance taken as an average of the total number of lectures, practical, tutorials etc. wherein short and/or long excursions / field visits/study tours organized by the college and supervised by the teachers as envisaged in the syllabus shall be credited to his attendance for the total no of periods which are otherwise delivered on the material day/s. Further it is mandatory for every learner to have min 50% attendance for each course & average attendance has to be 75%.
- Allowed to appear in the University Exam or Examinations conducted on behalf of the University (University of Mumbai Ordinance 6086). Annexure-III. It should also be noted by the student that the certification of the Term is subject wise for each Term.
- Absence on medical ground for 3 days or more should be supported by medical certificate from the doctor
- If the term is not granted, the student will have to take re-admission for the same term next year, by paying fees In order to monitor the attendance, percentage attendance will be assessed for each student in each subject at the end of each month and parents of the students having poor attendance will be informed and if necessary called upon to meet college authorities
- Students coming late to the college will not be allowed to attend the classes
- Bunking of classes is not permitted
- Strict disciplinary action would be taken in case of mass bunking

Identity card (I-Card)

Every newly admitted student, whose admission is confirmed, must get the I-card from the office of the Principal. He/ She should carry this I-card all the time. No entry from main gate as well as other premises is allowed without I-card. Identity card can be checked at any place in the college premises

Conduct and Discipline

- If any of the statement made in application form or any information supplied by the candidate in connection with his/ her admission is found to be false or incorrect later on at any time, he/ she may be expelled from the College by the Principal and prosecuted, if deemed necessary. An appeal against the order of expulsion, however, may be referred to the Director of Technical Education whose decision in such cases will be final.
- Students should not scribble anything on the walls, furniture etc. Strict action will be taken against the student indulging in such practices and if the defaulter is not identified the whole class will have to compensate for the loss. Breakage of furniture will be treated in the same manner. All the students should strive for cleanliness of the premises and help in the maintenance and upkeep of the college which belongs to all of us.
- Use of Mobile phones in instructional area is banned. Mobile phones should be switched off or kept in silent mode - while in the classroom, laboratory, library & corridors. Strict action will be taken against students found violating this rule by confiscating their Mobile Phone as well as a fine of Rs. 100.
- Sitting on the staircase is strictly prohibited and liable to disciplinary action.
- The students while studying, if found indulging in anti-social & anti-national activities are liable to be expelled from the college.

- College strictly prohibits smoking & consumption of drugs & other narcotics in its premises. The awareness posters are displayed at all places.
- Playing with Colours/Other Materials: Playing with colors or any other material inside the College campus or in the vicinity or adjoining places outside the college campus during festivals is strictly forbidden. Students found indulging in such activity are liable for strict disciplinary action.

Prohibition of Ragging

RAGGING within or outside the institution is strictly prohibited. Whoever directly or indirectly commits, participates in, abets, or propagates ragging within or outside the College shall be liable for the strict action as per the provision of Maharashtra Prohibition of RAGGING ACT 1999.

As per the University of Mumbai orders, vide sankirna 2005/ (228/05) vishi / - 2 dated 18th July, 2007, VES College of Pharmacy will comply the directions passed by the Supreme Court of India and follow the recommendations as cited below without any further lapse of time.

Orders of the Supreme Court of India

The punishment to be meted out has to be exemplary and justifiably harsh to act as a deterrent against resurgence of such incidents. Every single incident of ragging where the victim or his parent/ guardian or the Principal is not satisfied with the Institutional arrangement for action, a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities. Any failure on the part of the institutional authority or deliberate delay in lodging the FIR with the local police shall be construed to be an act of culpable negligence on the part of the institutional authority. If any victim or his parent/ guardian of ragging intends to file FIR directly with the police that will not absolve the institutional authority from the requirement of filing the FIR. In case the applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he has indulged in ragging, admission may be refused or he/ she shall be expelled from the college. College anti-ragging committee will be constituted and squads shall be forthwith formed by the institutions and it will be seen that the Supreme Court recommendations as cited above are observed without exception and if it is noticed that there is any deviation, same shall be forthwith brought to the notice of the Committee.

Antiragging helpline, 18001805522

Anti-Ragging Committee

The college has an active Anti-Ragging Committee which conducts periodic raids to ensure a 'ragging free' environment. The constitution of our college anti-ragging committee is as follows:

No	Capacity	Name	Position	Mobile No.
1	Principal	Dr. S.S. Shidhaye	Chairman	9920585547
2	Office Superintendent	Mr. Milind Ghadi	Member	9833257549
3	Professor	Dr. Rajashree Hirlekar	Member	9769244623
4	Professor	Dr. Ganga Srinivasan	Member	9833844714
5	Assistant Prof. (Class-Teacher Final Year)	Mr. Keyur Shastri	Member	9322378504
6	Assistant Prof. (Class-Teacher Third Year) Div A	Dr. Anand Chintakrindi	Member	9619246933
7	Assistant Prof. (Class-Teacher Third Year) Div B	Mrs. Vidhi Bhatia	Member	9819927252
8	Assistant Prof. (Class-Teacher Second Year) Div A	Mr. Pratik Barve	Member	9619515815
9	Assistant Prof. (Class-Teacher Second Year) Div B	Ms. Rashmi Wani	Member	9833608586
10	Assistant Prof. (Class-Teacher First Year) Div A	Mr. Avinash Suryawanshi	Member	8898862836
11	Assistant Prof. (Class-Teacher First Year) Div B	Dr. Aparna Palshetkar	Member	9637684674
12	Assistant Prof. (Class-Teacher M. Pharm)	Mrs. Harsha Kathpalia	Member	9220450867
13	Hostel Warden	Mr. S. Madnani	Member	9820569938
14	Librarian	Ms. Kirti Bhawe	Member	9833760012
15	Police (Women Assistant Police Inspector)	Ms. Vaishali Shrivagi	Member	9823442711
16	Media	Mrs. Indrani Basu	Member	9322889859
17	NGO member	Mrs. Sonia Shroff	Member	9619240582
18	Parent	Mrs. Mona Undavia	Member	9769766904

It is mandatory for all the admitted students and their parents to fill the undertaking as per the format prescribed by AICTE for format (please refer our website www.ves.ac.in/pharmacy)

Railway Concession

- All Students aged below 25 years are eligible can avail this concession.
- The railway concession is issued for local travel i.e. station closest from the residence to Chembur/ Kurla station on monthly or quarterly basis.
- For long journey to the hometown & return, the forms will be issued only for the vacation period. The students should write their hometown address in the application form for availing this concession.
- Students are required to enter their local and permanent address correctly in the admission form to facilitate the issue of Railway Concession order. The student may be required to produce documentary evidence of his/her residential address, if necessary.**
- Application for the railway concession has to be made in the prescribed format available in the college office. It takes minimum three working days for issue of railway concession.

Details of Transactions at Students Counter

The students for any documentation from the student counter require to make a request for the same.

Sr. No	Description	Particulars	Fees	Time Frame for the Issue
1	Bonafide Certificate	First Copy		Three Working Days
		From Second Copy onwards	10/- Per Copy	
2	No objection Certificate	-	-	Three Working Days
3	Transfer Certificate	-	-	Three Working Days
4	Transcripts	Upto 06 sets 07-10 sets 11 set onwards	236/- per set 472/- per set 826/- per set (With GST)	10 - 15 days
5	Attestation of Transcripts & Marksheets/ or any other document	First Fifty Copies	-	Immediately
		After Fifty Copies	5/-	
6	Duplicate Marksheet	Per Marksheet	100/-	One Week
7	Duplicate Fee Receipt	Each	100/-	One Working Day
8	Duplicate Leaving Certificate	Each	100/-	Three Working Days
9	Letter to Visit to Industries for Project Work	-	-	One Working Day
10	Railway Concession	-	-	Three Working Days
11	Locker Breakage	Each	15/-	One Working Day
12	Letter Head for Recommendation Letter	Per Letter Head	12/-	Three Working Days
13	Letter for Bank Loan			Three Working Days
14	Return of original Documents	-	-	Three Working Days
15	Any other letter required by students	-	-	Three Working Days

ANY MATTER NOT COVERED ABOVE WILL REST AT THE ABSOLUTE DISCRETION OF THE PRINCIPAL.

The institute is housed in a separate seven storied building in Hashu Advani Memorial Complex (HAMC) with a built up area of 5051.82 sq. mts.

Wi-fi

campusAs rightly quoted by Noam Chomsky “The internet could be a very positive step towards education, organization and participation in a meaningful society,” the HAMC campus is supported by round the clock Wireless Connectivity (Wi-Fi). The college has 40 Mbps leased line internet connection and has a strong backbone of access points. With the help of which the students can access online information anywhere in and around the college using their Laptops.



Computer Center

The computer center in the college has the most modern computing equipment's and latest & frequently used software. As demanded by the curriculum of University of Mumbai, the students are trained to handle various software programs. The computer center is upgraded from time to time to acquaint the students and faculties with the latest computing technology. Language Laboratory is installed in the Computer center and a faculty member trains the students to enhance their conversation & writing skills.



Library

Heart of the college is its library, which provides a safe, comfortable and friendly environment that enables learning and advancement of knowledge and promotes discovery and scholarship. Occupying 152.06 sq. mts. with a sitting capacity for 120 students and 15 teachers it is situated on the 5th floor of the college building over viewing the greenery, surrounding the HAMC, and is open from 8.30 a.m. to 5.30 p.m. The Library facilitates creation of new knowledge through acquisition, organization and dissemination of knowledge resources and providing value added services. It has books and journals of global standards like International journals worth more than? 73 lakhs, the library is enriched with more books and journals every year. The library is managed by sophisticated library software and has open access with latest automation facilities for hassle free issue and return of books. There is Book Bank facility for students in the library.



Gymkhana & Sports ground

To achieve versatile growth of the students, the college has provided modern sports facility which includes a sports room for indoor sports like Carrom, Chess & Table Tennis. For outdoor sports a sports ground measuring ~ 3.75 acres in the Hashu Advani Memorial Complex is available.



The college possesses Full cricket kit with protective gear, Tennis Bats & Balls, Volley ball & net and Football for practice and participation by students, in various tournaments.



Seminar hall

The college has a fully air conditioned, well-furnished and equipped seminar hall with audio visual system and a sitting capacity of 150 delegates, for conducting seminars and guest lectures by eminent personalities.



Facilities for physically handicapped students

College has provided ramp facility at the entrance, special facility in the ground floor toilets are provided and other necessary infrastructure for hassle free movement of physically handicapped students. The college has two elevators for handicapped students. Students with Dyslexia, Dysgraphia & Dyscalculia or visually



impaired, low vision/ physically challenged are requested to contact Exam department to obtain details about the facilities available for them. For examination viz extra time and writer. They are required to produce the relevant document to avail the benefit.

Medical aid

A separate medical room is available in case of emergency at ground floor. The room is equipped with following instruments and facilities like Aram chairs, Folding statures, Statures on wheels, Wheel chairs, Footsteps steel top 2 steps, Bed with coir mattress and bed sheets, Pillows, Bed side locker, Saline stand, Blood Pressure Apparatus and Stethoscope are available. College has a tie up with doctor for emergency care. The consultant is available throughout the working hours.

Availability of first-aid units

First aid kits are available at all the laboratories and even at the office. All the first aid kits are updated and refilled regularly by laboratory technicians and office superintendent respectively. All students and staff are aware of the availability of first aid units. Students are also made aware regularly in parents teachers meeting also.

Canteen

VESOP is equipped with a well maintained canteen which serves economical, hygiene and healthy food which takes care of day to day requirements of the students.

Hostel

VES has separate hostel for Boys & Girls situated in the HAMC is a home away from home. The hostel facility is available for outstation students only on first come first serve basis subject to availability of seats

The hostel rooms are spacious, well-furnished and equipped with all the modern facilities. The hostels provide hygienic foods, recreational facilities including TVs indoor games like Table Tennis, Carom, Chess etc. and outdoor games such as Volley ball, Badminton, cricket etc. Care is taken to ensure that the students have a hassle free stay and all minute details are taken care of such as all round the clock water & power supply, security, hygiene, health and sanitary conditions as well as privacy of students. The hostel inmates have access of the latest information through Newspaper and internet facility. Each hostel has its own warden.

The hostel residents are expected to observe the rules and regulations prescribed for them as well as the requirements of corporate life and the social norms that living together demands. Failure to observe discipline and violation of rules may make a student liable to disciplinary action.

Classrooms, Smart Class Room and Tutorial Rooms

The college is equipped with LCD, Mike systems in the classrooms and tutorial rooms.

Laboratories

- State-of-the art eighteen laboratories help students to practically learn the theoretical concepts and also the skill of working with sophisticated equipment.
- The college possesses all the desired equipment's prescribed by various regulatory bodies including University of Mumbai.
- Each laboratory is provided with firefighting equipment, emergency shower and first-aid box for safety.
- State-of-the-art, Committee for the Purpose of Control & Supervision of Experimentation on Animals (CPCSEA)
- Approved fully air conditioned animal house facility to conduct experiments using various animals like Mice, Rats, Guinea Pig, Rabbits. The primary objective of the animal house facility is to assist investigators to plan and conduct animal experiments in accord with the highest scientific, humane and ethical principles.



List of Key Equipments in College Laboratories

The institute is housed in a separate seven storied building in Hashu Advani Memorial Complex (HAMC) with a built up area of 5051.82 sq. mts. The institutes is equipped with state of the art facilities and equipment for research and development

Central Instrument Room

- Jasco HPLC system with binary pump and PDA detector
- Shimadzu UV-VIS Spectrophotometer
- Flame Photometer
- Digital Nephelo Turbidity Meter
- Digital Photo Fluorometer
- Shimadzu FTIR Spectrophotometer
- Shimadzu HPLC system with binary pump and UV detector
- Ultracentrifuge Optima MAX XP Beckman
- JASCO HPLC
- Automated Diffusion Cell system
- Dissolution Apparatus

Pharmacology lab. & Animal house

- Modified Sherrington's drums & organ baths
- Actophotometer
- Rota rod
- Electro Convulsion Meter
- Analgesiometer
- Plethysmometer
- Muscle Electrodes
- Spirometer
- Digital Kymograph Drum
- Organ Bath

Pharmacognosy Department

- Projection Microscope
- Antibiotic Zone Reader
- BOD Incubator
- Vacuum Oven (Round) 9" Dia x 12" Depth

Biotechnology Department

- Gel Electrophoresis
- Micro centrifuge
- Respinometer
- Rotary Shaker
- Autoclave : Digital operation with validation probe

Pharmacognosy Department

- Facilities for compression and coating and evaluation
- Single Punch Tableting Machine
- Semi-Automatic coating Machine
- Dissolution tester
- Disintegration tester
- Friabilator
- Facilities for Liquid Oral Manufacturing & Packaging
- Bottle Washing Machine
- Bottle Sealing Machine
- Ball Mill
- Ultrasonic Cleaning Bath Sonicator: Remi Vortex Mixer (Cyclo Mixer) Test sieve Mesh size :- 10 Mesh size :- 20 Mesh size :- 40
- Cold Centrifuge (Tarson)
- Lyophilizer (Lab Freeze Dryer), (Martin christ)
- Deep Freezer (Vestforst)

Pharmaceutics Research Lab.

- Homogenizer
- Brookfield Viscometer
- Tray Dryer
- Tablet Punching Machine
- Micro centrifuge
- Gel Electrophoresis
- Foil Sealing Machine
- Phase contrast microscope
- Shimadzu UV-VIS Spectrophotometer
- Malvern Make Nano Particle sizer
- Ultra Sonicator
- Lab. Dissolution Test Apparatus, 8 station
- Ultra Turrax IKA T25 Digital
- Incubator cum Orbital Shaker with digital RPM
- Make: Labline
- Jacketed Franz Diffusion Cell with digital bath pump, mug and stirrer_ Sumati Make
- Electrolab 2 station bathless Tablet Disintegration tester
- Weighing Balance
- UPS

Pilot Plant

- Double cone blender
- Capsule filling Machine
- Ointment Filling Machine
- Collapsible Tube Crimping Machine

Quality Assurance Research Lab.

- Planetary Mixer
- Extruder Spheronizer
- Digital bulk density apparatus up down counter buzzer

List of Key Equipments in College Laboratories

- Tablet Coating Pan
- Bottle washing machine
- Bottle Sealing Machine
- Ampoules sealing & filling machine
- Kalweka multipurpose machine
- (10 attachments)
- 12 station minipress multi tooling (Rimek®)
- Fluid Bed Coater (Mini Glatt®)
- Stability Chamber (GMP) (Thermolab)
- D-type Round Upper & Lower punch Withshaped die

- Double door Refrigerator LG model
- Refrigerated Centrifuge
- Fume Hood
- Water Distillation unit
- Ultrasonic convertor suitable for ultrasonic processor

Aseptic room

- An aseptic area is a clean room designed, constructed, serviced, and used to prevent microbial contamination of the product. This area is specially equipped with all the facilities, including laminar airflow, Air shower, HEPA filters etc., to perform microbiology, biotechnology and Pharmaceutical sterile preparation related experiments.

Pharmaceutical chemistry research lab.

- Microwave Synthesis System
- Hot Air Oven
- pH meter
- Buchi Rotary Evaporator
- Facilities for synthetic chemistry work
- Drug Design Software
- Fume Hood
- Rotary vacuum Flash Evaporator
- Weighing Balance

Safety Equipment & Fire Fighting Measures

Fire fighting equipment

As part of fire safety, fire extinguishers are installed on all the floors and in all the laboratories. Water is available in plenty, at each floor in all the laboratories and storage tank is available at the terrace. Sand baths are also available in the laboratories. Training is given to all the faculty members to handle the fire extinguishers regularly. Appropriate firefighting equipment is installed for entire premises. Awareness of instructions is given for firefighting equipment. Fire extinguishers are in place and clearly visible. Firefighting equipment are in good working order. All firefighting equipment are regularly tested. All the internal firefighting raisers are unobstructed. Staff is trained in the use of firefighting equipment.

Safety measures

Fuming hoods are available in all chemistry laboratories for handling chemicals. Safety instruments like the eye and body showers are made available in chemistry laboratory. There is periodic checking for ensuring proper working of this eye shower monitored by each laboratory technician. Intercoms are available at all the laboratories to be contacted in emergency. First aid boxes are available at every floor for medical emergencies.

All the staff and students are trained to take necessary action in an emergency. All containers are adequately labelled. All the containers of hazardous substances are suitable and undamaged. All chemicals are safely stored. Gas cylinders are suitably stored and secured. Flammable liquids are stored in a cool area and away from ignition sources. Containers are kept closed when not in use. Exhaust fan or open windows are available for adequate ventilation. Eyewash facilities and a quick-drench shower within the work area where employees are exposed to corrosive materials is available.

Instructions are given to laboratory staff for chemical safety. They are asked to refer MSDS, safety manuals, of all the chemicals and reagents. They are instructed about fire extinguishers, eye and body showers, etc. Safety instructions are also depicted in the lab for the use of entire staff and students. Blankets, safety belts etc. are provided in the college premises. College has adopted stringent fire safety norms as per the guidelines of

In case of an accident:

- Immediately report any accident to the Faculty/Non-teaching staff no matter how minor it may seem to you.
 - In case chemical splashes into your eyes or someone nearby get help immediately, Shout out for help
 - Wash eye thoroughly for at least 15 minutes with a stream of water from the eye shower or any other source water. Hold the eyelids open.
 - Any chemical that comes in contact with your skin should be washed off with water right away.
 - Know the location and use of fire extinguishers, fire blankets and safety showers in case of fire and know the evacuation sirens and exit route from your lab.
 - In case of fainting or breathing difficulties please ask the faculty, non teaching staff or the person next to you to take you to the medical emergency room. In case of
- a) small fire in a container (like a beaker full of alcohol) can be doused by covering the container with a lid.
 - b) Small open fire which is not in a container move away from the fire and Shout for help. You can use a fire extinguisher to put the fire out
 - c) Large fire, shout for help and leave the area immediately. The fire alarm will probably sound. When it does, evacuate the building and TELL EVERYONE YOU CAN, where the fire is.
 - d) In case your clothes are on fire don't run, lie down and roll to squash out the flames. Yell continuously.
 - e) In case of fire switch off the electricity, gas burners and do not use the lift.
- Do not work with chemicals above or near your face
 - Do not taste or ingest any chemicals or inhale reagent fumes
 - Do not heat a test tube containing a liquid over an open flame or directly on a hot plate
 - Do not add water to a concentrated reagent, especially concentrated sulphuric acid
 - Do not leave the Bunsen burner on when it is not needed
 - Do not pick broken glassware with your fingers
 - In case of small liquid chemical spill wipe up with paper towels and dispose off as per instructions of non teaching staff and solid chemical should be dissolved in water
 - Proceed cautiously when handling hot objects use a towel as a hot pad while handling hot objects. Hot glass looks like cold glass
 - Keep acetone and any other organic liquid at least ten feet from an open flame
 - Never Pipet by mouth or pipet directly from a reagent bottle
 - Avoid skin contact with any chemical
 - Fume hood must be used whenever toxic or corrosive vapours are realized during the work you are doing
 - Handle liquid reagent containers with care
 - Dry all wet glassware before storing it in the locker
 - Carry glass tubing and glass thermometers only in an upright position

***The college is equipped with all the necessary facilities as per the standard & parameters prescribed by AICTE & PCI.**

Internal Complaint Committee

In view of the upsurge in cases of abuse and harassment of women and the need to build a safe environment for lady students and staff members, VESOP has constituted a "Internal Complaint Committee" (is also functioning as "Women Grievance Redressal Committee") on 16/08/2020 as per University Grant Commission (Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in Higher Educational Institution) Regulations 2015, in the meeting held in the Principal's Office. The said committee will be functioning to attend and handle any cases/complaints related to eve teasing, indecent behavior towards women, sexual harassment of women and related issues.

The constitution of the committee is as follows:

Sr. No.	Post	Name of Member	Designation
1	Presiding Officer	Dr. Rajashree Hirlekar	Professor
2	Teaching Member	1) Dr. Anita Ayre 2) Mrs. Rashmi Wani	Associate Professor Assistant Professor
3	Non-Teaching Staff	1) Mr. Milind Ghadi 2) Mrs. Gayatri Vazirani	Office Superintendent Junior Clerk
4	Students	1) Ms. Srushti Dixit 2) Ms. Ankita Raut	UG Category, PG Category and Research Scholar
5	NGO Member	3) Ms. Bhagyashree Parab Mrs. Sonia Shroff	Representative of NGO working in women's welfare.

College Grievance Redressal Cell

(For further details please refer to our website www.ves.ac.in/pharmacy).

College has constituted College Grievance Redressal Cell (CGRC) as per provisions of Govt. of Maharashtra Gazette Extra-Ordinary Part 4 B, Extra Ordinary No.67, dated February 27, 2019 and as per directives received from University of Mumbai circular no. DSD/05/ of 2019 dated 14.05.2019 to address grievances of students to ensure transparency and fair environment in college premises.

Sr. No.	Name	Position	Contact Details
1	Dr. Supriya S. Shidhaye	Chairman	9920585547
2	Dr. Mushtaque Shaikh	Member	9326738289
3	Mrs. Vidhi Bhatia	Member Secretary	9819927251

Admission Grievance Redressal Cell

(For further details please refer to our website www.ves.ac.in/pharmacy).

Sr. No.	Level	Name	Designation
1	Level - 1	Mr. Milind Ghadi Mrs Pradnya Korlekar Mr. Pratik Barve Mrs. Prachitee Ayare	Office Superintendent Asst. Professor Asst. Professor Asst. Professor
2	Level - 2	Dr. (Mrs.) Supriya Shidhaye	Principal
3	Level - 3	Shri B. L. Boolani Prof. (Mrs.) Jharana Das	Trustee In-charge Chief Coordinator

In accordance to the cell has been formed it not only over views the conduction of the admission process, but also guides the students and clears their doubts during the admission process.

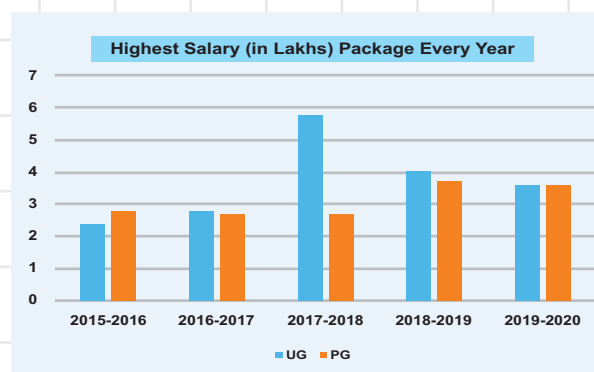
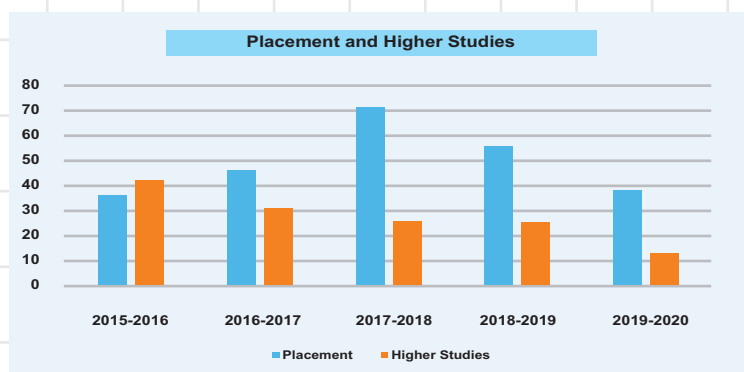
Mentoring cell

Every faculty is a mentor to a group of 15 to 20 students. The mentor meets student individually as well in a group at least twice every semester. The students are counselled on academics, careers guidance and guidance about higher studies. The mentoring cell maintains systemic record of the same. In addition if there is a need for counselling at personal level the students can avail the services of professional student counsellor appointed by VES at VESLARC. This special service depending on the need of the students is free of cost and the confidentiality of the student is maintained.

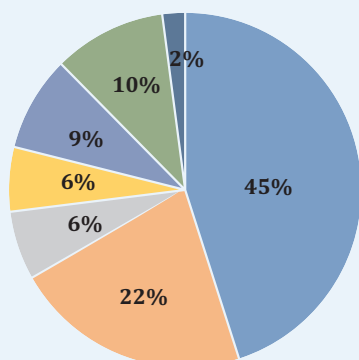
Placement cell

The vision of VESOP is 'Creating competent pharmacy professionals to positively impact healthcare of the society.' With this vision the Placement Cell, aims to produce every student that appropriate job opportunities, which might offer them an advantage in their career. The Placement team is devoted towards achieving 100% placements for our passing out B. Pharms and M. Pharms (Pharmaceutics, Quality Assurance and Pharmaceutical Chemistry) by arranging several campus interviews by reputed pharmaceutical companies. The placement cell under the guidance and supervision of Dr. Ganga Srinivasan (2017-2020) and Dr. Swati Mittal / Dr. Aparna Palshetkar (2020-2021) has taken upon itself the onerous yet fulfilling tasks of assisting the students bettering their career prospects and is actively engaged in crafting the future career of the UG and PG students by providing them need based and result-oriented training programs and arranging several campus interviews by reputed pharmaceutical companies. Our students are well placed in various reputed Pharmaceutical companies, pharmacovigilance and clinical data management, academics, IT companies Patent services and Community Pharmacy. HR meet is organized with an objective to meet the challenges encountered during recruitment and grooming of our pharmacy scholars, where our students acquire an opportunity to float their questions relating to the expectations of industry in front of HRs of esteemed pharmaceutical and allied industries

Some of our recruiters in the past



Placement Category



- Sales & Marketing
- Pharmacovigilance/ Clinical Data Management
- Regulatory Affairs
- Production
- Community Pharmacy
- QC/Research and Development
- Patents / Academics

- **Guidance from the proficient**

To bridge the gap between academic and industry special lectures series are conducted by eminent personalities from Pharmacy Profession who familiarize the students about the latest trend and update them about the requirements of the corporate world.

- **Erudition through hands on experience**

Though the Pharmacy course is highly intensive, equal stress is laid on the industry interface and provide the students with focused exposure to contemporary and future polices, growth and emerging concerns and issues. Conferences, seminars and workshops are regularly organized, this way the students and faculty members are updated with the industry developments.

Research Students & faculty members are also encouraged to attend seminars and workshops conducted by other pharmaceutical institutions and organization to broaden their understanding

- **Research at under graduate level**

To develop research aptitude amongst UG students. VESCOP has started the initiative of UG research project programme where in UG students undertake training in short term and long term research projects under research guides. Currently 13 groups of UG students are working of research projects in different avenues.

- **Corporate Connect**

Industry visit are organized to enhance the student's understanding of modern infrastructure, manufacturing processes & shop floor activities.

- **In-plant training**

At the end of Sem. VI, students are deputed for one month summer training in the pharma industry or hospitals. Well-elaborated training report is collected from each student on completion of the training. Every report is evaluated and the best two reports are awarded.

Students have undergone in plant training in companies like Maneesh Pharma, Rubicon Lab., Cipla, Meyer, MacLeod's etc.

- **Department of lifelong learning and extension (DLLE)**

The objective of DLLE is to promote values of human development in community, colleges and universities. It provides a platform of exchanging ideas and innovations among all the different sectors of education. DLLE motivates the students to work on various awareness programme, to carry out surveys related to women issues, to orient the community regarding various career options. It also emphasizes on development of soft skills of students.

VESCOP is one of the few pharmacy colleges participating and enrolling students in the programme. The students participating in the Extension Work are entitled to the benefit of Ten Grace Marks on the satisfactory completion of 120 hours of work under Extension Work Projects.

- **Parent - Teacher Interactions**

Parent-Teacher interaction is arranged once in each semester to update parents about their ward's performance and understand parent's views to improve the college administration. Attendance for the same is mandatory.

- **Feedback system**

Feedback is collected from students/ parents two to three times a year. A suggestion box is provided outside the college office. The students can drop in their suggestions, which are looked into and acted upon in the best interest of students and the college.

- **Guidance to students with low academic performance**

The students with low academic performance are given extra coaching free of cost and have to attend library hour by attempting worksheets assigned.

- **Soft skill development**

VES Leadership Academy & Research Centre (VESLARC), a branch of VES distillates on the holistic growth of the students. Short modules are conducted on values, etiquettes, soft skill development, yoga health & hygiene, customs & ethos etc.

- **Orientation & induction programme**

Students are motivated to dream and realize them into reality. In the orientation programme organized for the First years, the parents and students familiarize themselves with the course structure, examination and other activities of the college. The students are also given an overview of the entire syllabus and 3 weeks induction programme will be conducted as per AICTE quality Mandate.

Awards and Achievements



Awards

Gold Medal in 15th Inter-Collegiate/Institute/Department Avishkar Research Convention 2021, University of Mumbai

VES College of Pharmacy is proud to share a hattrick of GOLD (1st place) achieved in the final round at the "15th Inter-Collegiate/Institute/Department Avishkar Research Convention 2021, University of Mumbai"

We are very proud to mention that over the past three years the projects guided by our respected principal madam Prof (Mrs). Supriya Shidhaye have consistently won GOLD at the Avishkar Research Convention.



VES College of Pharmacy proudly congratulates

The winners who secured a hattrick of **GOLD (1st place)** at the
15th Inter-Collegiate/Institute/Department Avishkar Research Convention 2021, University of Mumbai



**Medicine & Pharmacy
PPG category**

Winner - Ms Bhagyashri Parab,
Assistant Professor, VESCOLP
Mentor - Prof (Mrs). Supriya Shidhaye
Principal, VESCOLP

**Pure Science
PG category**

Winner - Ms. Bedi Amrita Kaur &
Ms. Aiyer Matangi (S.Y.M.Pharm)
Mentor - Mrs Harsha Kathpalia
Assistant Professor, VESCOLP

**Medicine & Pharmacy
UG category**

Winner - Ms. Tanvi Pansare &
Ms. Sandali Malandkar (S.Y.B.Pharm)
Mentor - Ms Shivali Tank
Assistant Professor, VESCOLP

Achievements

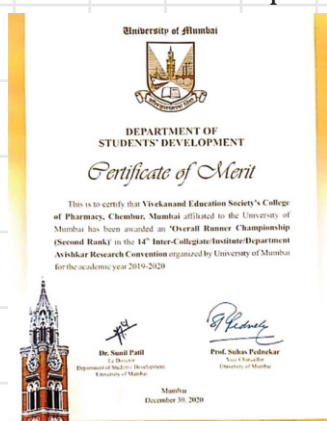
Avishkar Research Convention:

We are extremely proud and glad to share with you again, the success and achievements of Vivekanand Education Society's College of Pharmacy at 14th Intercollegiate/ Institute/ Department AVISHKAR Research Convention 2019-20 organized by the University of Mumbai VESCOLP has been awarded the titles:

Overall Runner Championship

Overall Championship in Medicine and Pharmacy

#achievement #vescop #vescollegeofpharmacy #pharmacy #college #chembur #mumbai #avishkar



AICTE-CII Survey 2020

VES College of Pharmacy is proud to share that among the 62 Pharmacy institutions shortlisted across India for the AICTE-CII survey 2020 for the Best Industry linked Institute, WE are ONE of the three self-financed institutions from University of Mumbai to receive the PLATINUM Rating.

The platinum rating is the highest rating awarded by AICTE-CII and indicates a very high degree of Interaction with the Industry. The survey is conducted by AICTE-CII at the National Level and based upon the magnitude of interaction with industry, Institutes are awarded scores. VESCOL is proud to be in the league of leading Institutions at the National Level for the past three years. We are thankful to our Management, Industry partners, Staff members, Students and all other stakeholders for contributing in this achievement.

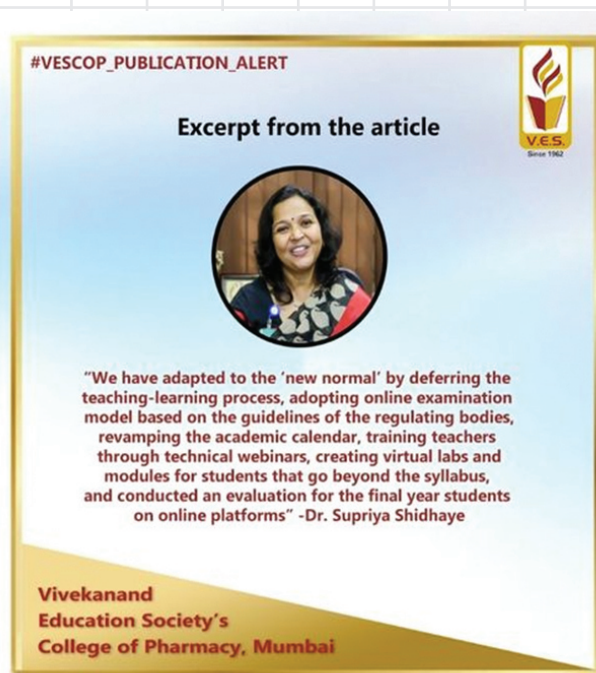
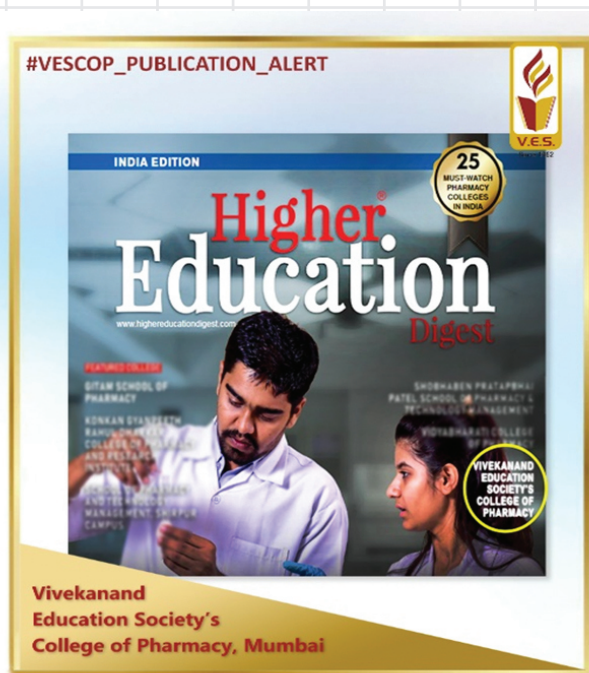


VECOP Feature in HED Magazine

We are proud to announce that VES College of Pharmacy has been featured in HED magazine's 25 MUST-WATCH PHARMACY COLLEGES IN INDIA.

This has been achieved only through the relentless efforts of the management, extraordinary endeavors by the teachers along with exceptional contributions by the students. VESCOL has once again proven that patience and persistence builds multitude of success and would aim to scale even greater lengths of growth and marvel ahead.

Here is an excerpt from the article with a message by Dr (Mrs) Supriya Shidhaye, Principal of VES College of Pharmacy.



Chemtastic 2021

The Department of Pharmaceutical Chemistry and Institution Innovation Council of Vivekanand Education society's College of Pharmacy presents CHEMTASTIC 2021: Where Chemistry meets Innovations, Ideas & fun

This is the 5th year of our flagship event - Chemtastic and we appreciate the active participation from all Institutes and Chemistry Enthusiasts. The objective of Chemtastic has always been to boost and incline the interests of students towards Chemistry subject through fun games and various literary and creative activities.

All events are scheduled through online mode on 5th Jun 2021



Add on Courses

Artificial Intelligent for Healthcare

In the pursuit of our Vision -

'Creating competent pharmacy professionals to positively impact healthcare of the society'

VESCOP is coming up with one more milestone activity for the budding pharmacists and pharmacy professionals.

Artificial Intelligence (AI) is a new Buzzword and has immense applications in the healthcare field.

In order to make the pharmacy professionals acquainted with it, IIC- VES College of Pharmacy in collaboration with IIC- VES Institute of Technology launched A 30 hours certificate course entitled

"AI for health care - In pursuit of innovations for Atma-Nirbhar-Bharat using the Promising Technologies".

ABOUT THE COURSE

In the pursuit of our vision of "Creating competent pharmacy professionals to positively impact healthcare of the society", VESCOP is coming up with another milestone activity for the pharmacy professionals. Artificial Intelligence (AI) is a new buzzword and has immense applications in the healthcare. In order to make the pharmacy professionals acquainted with it, VESCOP in collaboration with VESI is launching this online certificate course.

TARGET AUDIENCE
B. PHARM, M. PHARM, PH.D. STUDENTS, FACULTY, INDUSTRY PROFESSIONALS

ARTIFICIAL INTELLIGENCE FOR HEALTHCARE

TOPICS

MACHINE LEARNING-BASIC ALGORITHM AND ADVANCED ALGORITHM
CASE STUDY AND FUTURE TREND IN AI HEALTH CARE APPLICATIONS
DESIGNING A HEALTHCARE MACHINE LEARNING WORKFLOW
IoT/HEALTH AND WEARABLES IN HEALTHCARE
BASIC ARTIFICIAL INTELLIGENCE
NEURAL NETWORKS
CNN/RNN

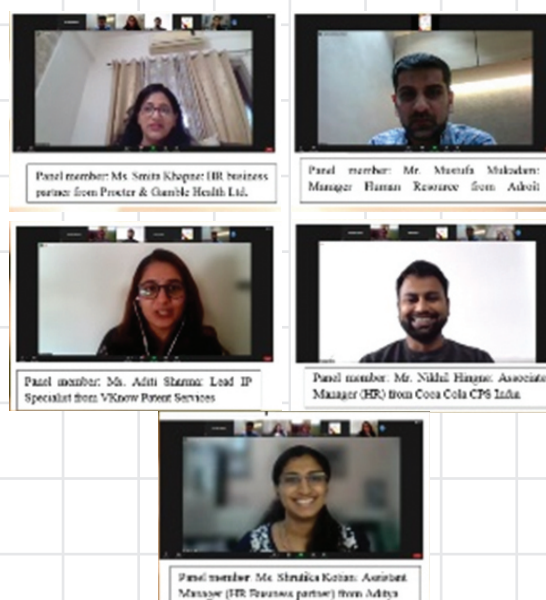
INSTRUCTORS
DR. M. VIJAYLAKSHMI, DR. NADIR CHARNIYA
DR. SUJATA KHEDKAR, MRS. ASHA BHARAMBE
MRS. SANGEETA OSWAL

1st Batch of AI for Healthcare
In pursuit for innovation of Atma Nirbhar Bharat using promising technologies.



HR Summit

Vivekanand Education Society's College of Pharmacy is pleased to announce the successful conduction of HR Summit on 9th June 2021. In accordance with the perception of Shree B. L. Boolaniji, Trustee in charge VES College of Pharmacy and mentorship of Coordinator Prof. Jharna Das madam an HR Summit was planned through virtual zoom platform. The event was organized under the aegis of IQAC Committee under the guidance of respected Principal Dr. Supriya Shidhaye. It was a very dynamic interactive session of students and faculty members with five HR resource person from various pharma and allied fields.



Panel member: Ms. Smriti Khapne: HR business partner from Procter & Gamble Health Ltd.

Panel member: Mr. Manuful Mikulom: Manager Human Resource from Aditi

Panel member: Ms. Aditi Sharma: Lead IP Specialist from V-Know Power Services

Panel member: Mr. Nikhil Hazare: Associate Manager (HR) from Coca Cola CPB India

Panel member: Ms. Shradha Kotar: Assistant Manager (HR Resource partner) from Aditya

Public Health Office (PHO)

The Public Health Office of VES College of Pharmacy is a student cell that is actively involved in various health campaigns and blood donation drives.

Rotaract Club of VES College of Pharmacy:

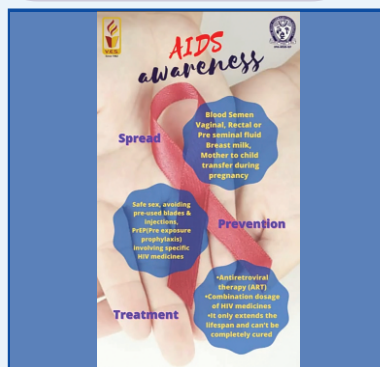
Rotaract club of VES College of Pharmacy is a platform that helps to search hidden talent; it is that platform which connects each and every individual to the entire world. It's a grooming dais for our student that helps them to achieve their goals.

Glimpse of activities conducted in the A.Y. 2020-21 by PHO and Rotaract club of VES COP

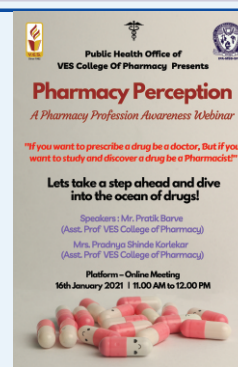
Silver Lining



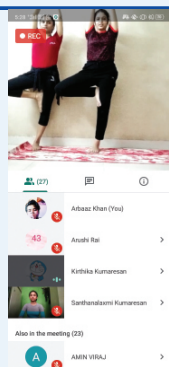
AIDS Awareness



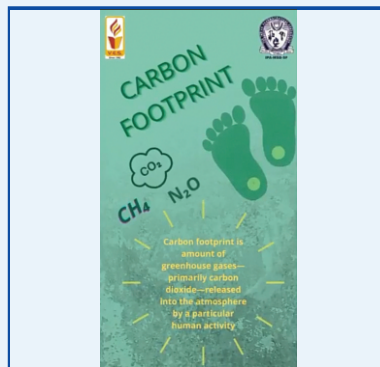
Pharmacy Profession Awareness Campaign



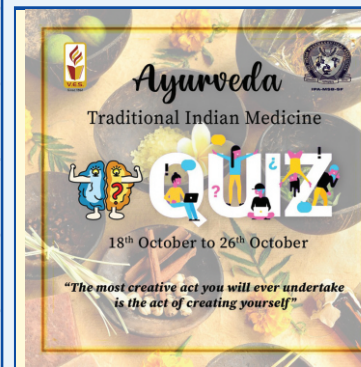
Yoga Day



PHO Carbon Foot print



Ayurveda quiz poster



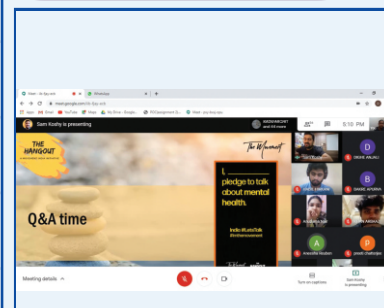
Tree Plantation Drive




Video Survey Carbon Footprint



Session on Mental Stress





**VIVEKANAND EDUCATION SOCIETY'S
COLLEGE OF PHARMACY**


Cordially Invites you to our Annual Festival

SPECTRUM 2021

DATE: 10TH MARCH 2021
TIME: 3 PM ONWARDS
VENUE: ZOOM AND YOUTUBE

GENE THERAPY: AN EVOLUTIONARY VISION

Gene therapy gives patient a healthy version of defective gene



Abstract: Gene therapy is understood as the ability of genetic improvement through the correction of mutated genes that target therapeutic treatment. One of the main focuses of this technique is the vehicles i.e. vectors. The basic approach of gene delivery has been constant for sometime. In-vivo & ex-vivo. Over the past decades the relevance of gene therapy to medical practices has increased. In coming decades, it will become important for physicians to understand basic principles and strategies of gene therapy.

TYPES OF GENE THERAPY

- Somatic cell gene therapy**
 - eg: Introduction of donor bone marrow stem cells into patient
 - eg: Genes introduced into eggs and sperm
- Gene line gene therapy**

Number of Gene therapy studies changed in lab over last 3 years

62% Increase, 7% Decrease, 31% Stayed same

Ethical issues & safety concerns

- Human should not play god and interfere in the nature.
- Errors in gene line process can pass to successive generation.
- Somatic gene therapy can affect germ cells.
- Represent the form of ARGUMENTS
- Can be treatment to avoid disability

Future directions

- RNA interference
- Exon skipping

PROCESSES

To transfer a desired gene into a target cell a carrier is required such vehicle of gene delivery are

- Viral vectors**
 - Retrovirus
 - Lentivirus
- Non-Viral vectors**
 - Lipidplex

Process

1. In lab, virus altered as desired
2. A gene is inserted into virus
3. A gene is inserted into virus
4. Altered virus mixed with patient's cells
5. Cells become genetically altered
6. Altered cells injected into patient's body
7. Altered cells produce desired gene
8. Cells harm from patient

Pros & Cons

- Treatment of genetic disease for which treatment is not available**
- Autonomous response**
- Viruses may target the wrong cells**
- May be inserted into the wrong location in the DNA**
- May lead to the development of a tumor**
- Potential for life-long treatment from a single injection**

Reference links:

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC383056/>
- <https://www.britishecologicalsociety.org/science/gene-therapy>
- <https://www.pnnl.gov/content/80/948/7660>

A Brief Summary on the Principle, Application and New Trends in Gene Therapy

Abstract

Gene therapy is the alteration, insertion or removal of genes within an individual's cells and tissues to treat a disease. With the arrival of CRISPR technology, cloned genes became available. Efficient removal vectors and other gene transfer methods allowed correction of defective genes in-vitro and in-vivo, making gene therapy broadly accepted approach.

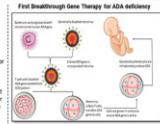
Types

- Somatic Cell Gene Therapy**
 - Gene transfer in somatic cell
 - Uninheritable
 - eg: Genes introduced in bone marrow, skin
- Germ Line Gene Therapy**
 - Gene transfer into germ cells
 - Inheritable
 - eg: Genes introduced into eggs and sperm

Approaches

- 1) In-vivo: Direct delivery into the cell
- 2) Ex-vivo: In lab pet-dish with cell lines

First breakthrough Gene Therapy for ADA deficiency



Statistics of various diseases targeted by gene therapy clinical trials (in percentage)

Disease	Percentage
ADA	15.6
SCID	14.3
Factorial diseases	64.3

Personalized Medicine

Gene Therapy can be customized to per every individual's characteristics. Chemicals and drugs associated with chemotherapy and radiotherapy in cancer treatment. Provides personalized therapy to patients with specific cancer type.

CRISPR-CAS-9: A Major Breakthrough

CRISPR-CAS-9: A Major Breakthrough

Recent Advancements

Diagnosis of COVID-19:

PCR testing: Sensitive, More intensive

CRISPR-CAS-9: A test kit detects the genome using guide RNA (gRNA), complementary to a specific part of the viral genome and activates a detectable signal.

Current HIV treatment - Antiretroviral Therapy (ART):

Suppresses HIV replication but does not eliminate the virus from the body.

CRISPR-CAS-9: CRISPR-CAS-9 recently developed long-acting, short-acting, effective, less expensive, and less toxic, and maintains HIV replication at low levels for extended periods of time.

Metal-organic frameworks (MOFs):

Bio-compatible, incorporated with capacity to carry larger genetic loads.

MOFs coated with phytochemical, found in green tea, called epigallocatechin-gallate (EGCG), known for its antioxidant and anticancer properties, was used to treat prostate cancer.

Effective, safer and cheaper method.

Researchers designed a copolymer using guanine, used in base, water, and 2-thiophenyl acrylate (2TA), which makes the material soluble.

CRISPR-CAS-9 and the data package could be tracked throughout the body using Raman spectroscopy.


References: Research Gate, Future Learn, The Journal of Gene Medicine, www.sciencedirect.com, PUBMED

#VESCOP_TREE PLANTATION_DRIVE



Vivekanand Education Society's College of Pharmacy, Mumbai

जिंदगी



कुछ लम्हे सुहाने
कुछ आँखों में पानी....
काश जरा लंबी होती
तेरे साथ की कहानी....

कभी रुठा था तू
कभी मनाया न मैंने..
काश वक्तही कह देता
चुरा लो कुछ लम्हे....

जिंदगी की नज्म का
एक गहरा लफ्ज है तू
क्या कहूँ ए दोस्त
जिंदगी की रफ्तार में...बिछड़ी जिंदगी है तू....

GENE THERAPY FROM IDEA TO REALITY

ABSTRACT

With the help of gene therapy we can change the genes of T-cell in such a way that it can identify and kill the cancer cell efficiently. This procedure could also help us to prevent metastasis of cancer cells in early stages thus reducing the mortality.

APPLICATIONS OF GENE THERAPY IN TREATMENT OF

- INHERITED DISEASE
- INFECTIOUS DISEASE
- CARDIAC DISEASE
- NEUROLOGICAL DISEASE
- CANCER

How Gene therapy can help reduce the mortality

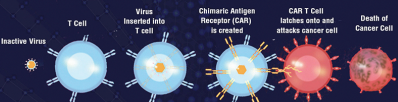
The first trial in the United States to test a CRISPR-made cancer therapy was launched in 2019 at the University of Pennsylvania. The study, funded in part by NCI, is testing a type of Gene therapy in which patients' own immune cells are genetically modified to better "see" and kill their cancer.

Mortality rate in India due to Cancer : 7,84,821

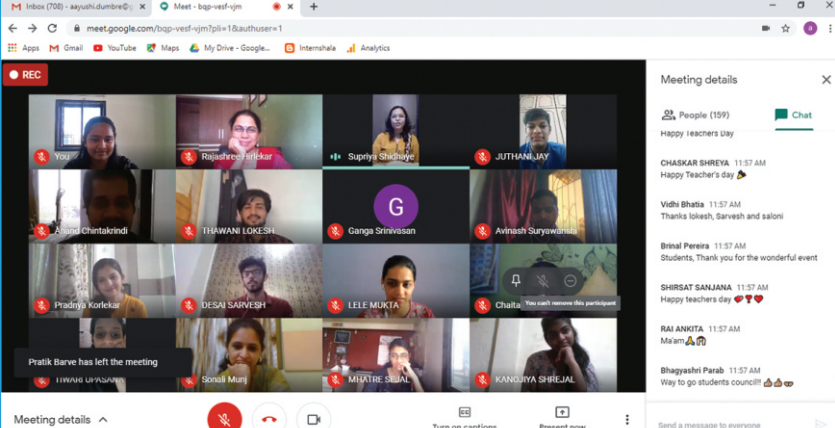
GENE THERAPY IN TREATMENT OF CANCER

CART-cell therapy, which seeks to enhance the natural cancer-fighting ability of patients' own T cells, is one type of Gene therapy

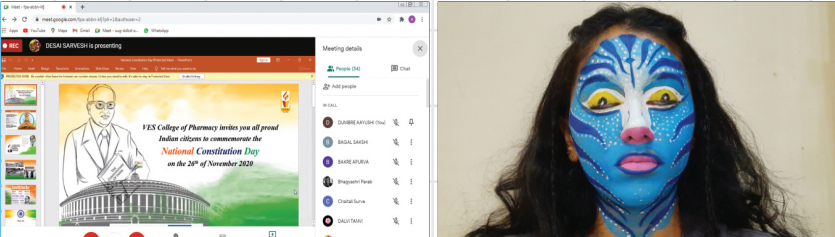
MECHANISM OF CAR T CELL ATTACK



Reference: <https://www.labiotech.eu/crispr/crispr-technology-cure-disease/>



Meeting details: CHASIKAR SHREYA, Happy teachers day, Vidhi Bhatia, Thanks Iqbal, Sarvesh and saloni, Brindal Pereira, Students, Thank you for the wonderful event, SHIRSAT SANJANA, Happy teachers day, RAI ANKITA, Miam, Bhagvathi Parab, Way to go students council



Meeting details: DESAI SARVESH is presenting, Meeting details: DESAI SARVESH is presenting

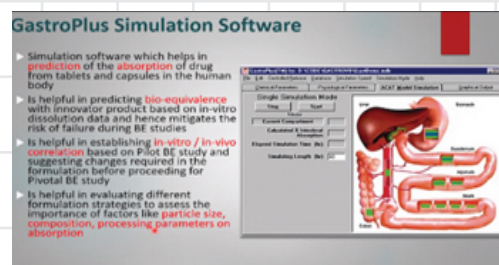


Campus life and corporate life are fundamentally different. For an undergraduate, starting to work in an organization is a critical transition phase which requires a strong mental and emotional mindset, strategic outlook, acquaintance to latest technology trends along with an adaptive nature. This transition period predominantly impacts one's success in the future organization. While personal growth and excitement are a part of the journey, it comes with periods of self-doubt, stress, and uncertainty for many. To groom the students for the same, VESCOP launched the unique Campus to Corporate transition program (C2C) in 2015. The objective of this

programme is to make the students ready for industry, may it be in terms of mental and emotional stamina, exposure to industry trends and commitment to the organization. Under this programme, sessions under three categories are regularly conducted

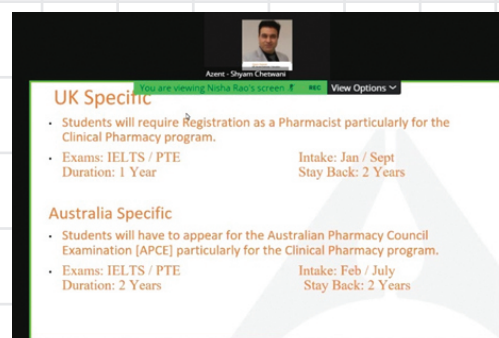
A. VidyanManch

Industry- Academia/Student interaction.



B. Disha

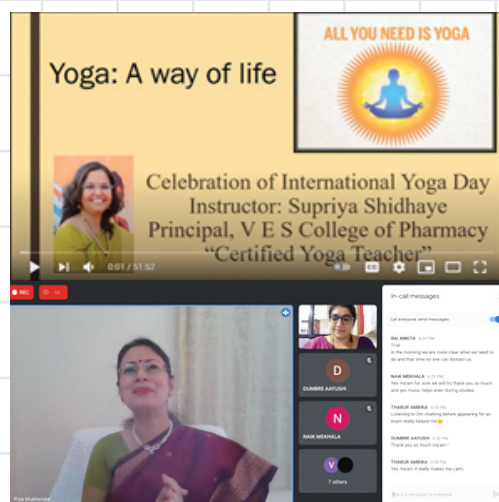
Career Avenues after B. Pharm.



C. Atmavikas

Soft Skill Development

For the last six years, VESCOP has conducted various sessions ranging from career avenues, research orientation, latest industry trends, management of self-esteem and even virtual tours to research organizations to connect the students with the corporate world.



Memorandum of Understanding



Adroit Biomed Ltd.



Support In Research, Development,
Training And Skilling

AQUADRY PHARMA
Where Quality Meets Customer Satisfaction



B & B Pharma Solutions
Sharing Knowledge & experience

Super VET Clinics & Diagnostic

Boolani Engineering Corporation
World Leader in Plastic Processing Equipment & Technology

International/National Collaboration

"Design & Evaluation of Novel formulation of some anti-cancer drugs for metronomic chemotherapy" in collaboration with **Kalinga Institute of Industrial Technology** under "**Biotechnology Ignition Grant**", BIRAC, Govt. of India.
Grant Amount: Rs. 34 Lacs



"Nano Technology & its application in evaluating antioxidant property of drug on cancer cell line" at University of Pittsburgh, Pennsylvania, during July, 2015 to January, 2016.



"Simplified Liposome manufacturing of small molecules and peptides sponsored by AgentSCHAP Innoveren & Ondernemen VLAIO, Belgium & Janssen Pharmaceutical, Belgium

Advisor - Dr. Mangal Nagarsenker | Project Co-ordinator - Dr. Supriya Shidhaye |
Jr. Research Fellow - Ms. Shivali Tank

Grants Received

SLIM project on novel drug delivery system in collaboration with Janssen, Belgium, University of Stathclyde, UK, VESCOP and BCP Overall coordinator and link advisor - Prof. Nagarsenker Project coordinator at VESCOP- Dr. Supriya Shidhaye Research Fellow: Ms. Shivali Tank

Project on Targeted solid lipid nanoparticulate delivery system of β -Caryophyllene oxide as promising approach in breast cancer treatment with research grant of Rs. 37.09 Lacs from Science and Engineering Research Board (SERB, DST, Gov. of India)
Principal Investigator: Dr. Supriya Shidhaye
Research Fellow: Ms. Bhagyashree Parab



Title:
Targeted lipid based delivery system of Etposide for intravenous administration using n-3 PUFA as conjugating ligand and functional excipient
Principal Investigator Supriya Shidhaye
Research Fellow: Ms. Pradnya Korlekar (AICTE RPS: Rs19,56,084/-)



Research Project Completed



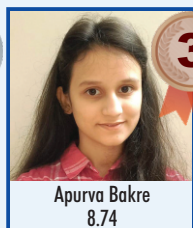
F.Y. B.Pharm.



Sejal Mhatre
8.97



Sandali Malandkar
8.87



Apurva Bakre
8.74

S.Y.B.Pharm.



Shaina Rebello
9.51



Manasi Yelkar
9.49



Srushti Shetye
9.29

T.Y.B.Pharm.



Omkar Parab
9.33



Hirkani Habil
9.25



Parth Mehta
8.91

L.Y.B.Pharm.



Natasha Coutinho
9.79



Sneha Sutar
9.53



Manali Kadam
9.36

F.Y.M.Pharm Pharmaceutics



Komal Madhav
8.62



Karishma Patil
8.62



Aishwarya Phalke
8.54



Amrita Kaur Bedi
8.47

F.Y.M.Pharm Top QA



Samarth Ragnekar
8.81



Payal Choudhary
8.5



Palak Karia
8.46

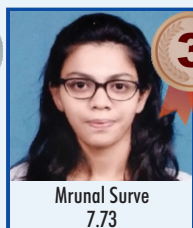
F.Y.M.Pharm Pharm. Chem.



Sayali Sawant
8.08



Nachiket Joshi
7.77



Mrunal Surve
7.73



About Us

Registered under Society's Act 1860 & Bombay Public Trust Act 1950

Our Mission

To cultivate a vibrant and inclusive alumni community committed to deepening connections with each other and VESOP family for all time coming.

Our Aim

- To advance VESOP, serve the diverse and evolving needs of each member of our global alumni community
- To create competent pharmacy professionals to positively impact healthcare of the Society
- To create competent pharmacy professionals to positively impact healthcare of the Society

Glimpse of the events conducted by Alumni Association

Time to time and on needly basis Alumni association of VESOP conducts relevant activities for Student, Fellow Alumni & Faculties. Also assist & guide student for Final Placement. Even during pandemic Alumni tried to walk an elytra mile for alma-matter and conducted multiple events

1) RISE OF DERMA COSMECEUTICAL MARKET

Speaker - Ms. Pooja Dubey

Business Development, Western Commercial Corporation

The event gave us insights on the current trends from the market, research and also the upcoming trends that are shaping up the pharma-derma and beauty industry.

It also made students aware about the various opportunities available for pharma graduates. The webinar bridges the academic-industry gap.

2) Brand Yourself

Brand Yourself a novel activity conducted by Alumni Association was well appreciated by across the various Pharmacy colleges at national and international level. To make the Students, Faculty & Working Professionals aware about the concept of 'Personal Branding' & guide them on building their personal brand.

A Acquaintance



L Leadership



U Unity



M Motivation



N Nuance of the World



I Ingenuity



3) WHY NOT TO START A STARTUP?

Speaker- Mr Chatanya Pawar, Founder of NG Business

The topic of webinar deals with why people don't start their entrepreneurial journey and what kind of obstacles do they face along their venture into the world of companies. In today's world, instead of working in companies, people dream of owning them. The competition and the pace of development drives people to find their innovative spirit. This innovative spirit gives birth to an idea, which turns into reality with proper guidance, perseverance and patience. To nurture and to grow an idea requires the right mindset and the right attitude. It provided us an insight about the same is what today's webinar is all about.



4) E-INTERVIEW

E-Interview conducted for college students to improve confidence and give real life experience of interviews. To make students aware about the interview process. To guide students regarding corporate process of the interview. Guide the students on their areas of improvement and also share the same feedback with college so that they can together work on the weaker aspects.

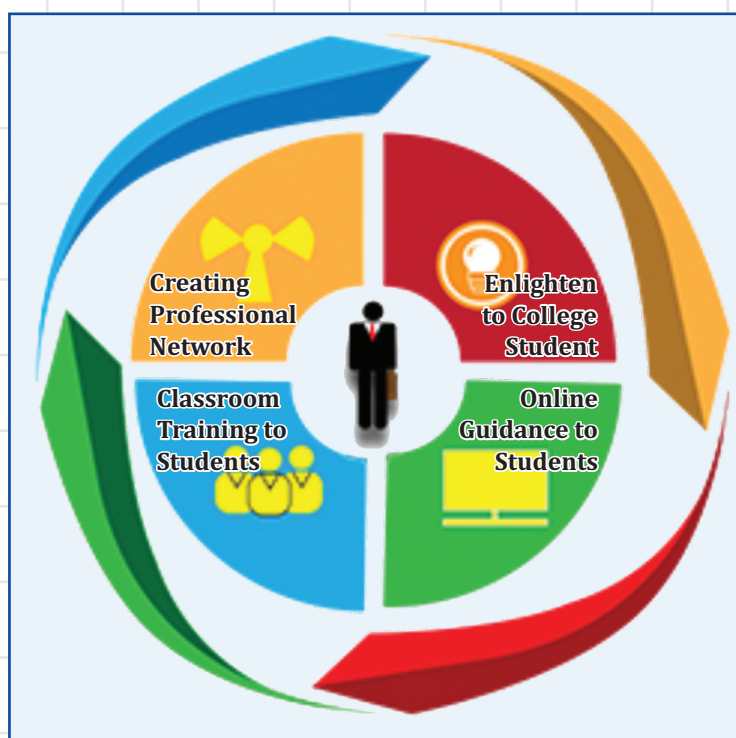


5) MBA GRADUATES: CAREER PATHS

Speaker- Gaurang Tendolkar - Brand Executive, Curatio Healthcare

The webinar is all about career options and opportunities in MBA after B.PHARM / M. PHARM. Lights will be shed on future prospects, scope, long term benefits of doing MBA.

Speaker will also share his experience and provide expert guidance to the budding entrepreneurs.



We do @Alumni Association VESCOP

- To Build Professional Network of VESCOP Alumni by engaging them.
- Educating and nurturing students of institutions and entrepreneurial mindsets and supporting them in their efforts to create high-quality talent and value.
- Conducting Classroom as well as digital sessions for the student to help & guide them on time to time basis.
- Creating strong ecosystem with alumni and prominent stakeholders, decision makers and leaders across the industry & institutions including government, businesses and non-governmental enterprises

What our Alumni say about the college



Mr. Jawahar Nidamboor

“All the teachers at VESCOP made sure that I really received the much-needed guidance and support all throughout my 3rd and final year. With their constant help and support I managed to successfully clear my B.Pharm, without any further gaps in my education. Also, the friends I made at VESCOP always pushed me to do better in life. I'd say VESCOP has played a major role in my journey from being a student to a professional. I will forever be indebted to VESCOP, the entire teaching staff and all the people who have played a role, big or small, in my journey. Besides, I was extremely honoured and happy to become a part of the VESCOP teaching team. Working with the teachers who moulded me into what and who I've become is something which I will cherish all my life”.



Ms. Shivali Tank

“According to me, VESCOP Student Council in itself is a great change-maker for my life. It has helped me improve myself every bit throughout my academic career in my professional fronts. Handling important responsibilities with proper management of studies has made me a multitasker. From taking important decisions to coming up with innovative ideas was among the important features I could inbuild within me during my career. Also, I was able to develop good communication skills which are very important for any professional approach. So overall I feel, VESCOP Faculty members made me a good researcher whereas the VESCOP Student Council has tremendously helped me in building myself as a responsible individual”.



Ms. Teeja Suthar

“Choosing VESCOP as my alma mater was one of the best decisions I made, so I chose this institute for my masters too. The professors at VESCOP are highly knowledgeable and supportive. They always make you work to the best of your abilities. I could maintain a steadily rising graph of my academic as well as other achievements only because of the enormous support from principal ma'am and the professors. The institute is very well equipped with almost all research facilities and instruments to promote the research culture among students. Various seminars and add-on courses were also conducted to give insights about the pharma industry and recent trends in research. VESCOP has played a major role in shaping my career as well as my personality. I owe a large part of my success to the faculty and staff at VESCOP”.

What our Alumni say about the college



Ms. Kanchan Bhide

"I recollect those days as one of the best days of my life. I learned about the area I was interested in and also got many friends for life. That phase of my life shaped me to be a better and responsible version of myself. I got many life learning experiences. The talented faculty members were very friendly and they made learning easy. The interaction was smooth with great understanding and fun. The support that we have got for curricular, co-curricular along with extra-curricular activities was wonderful which helped us turn into strong and passionate individuals".



Mr. Chaitanya Pawar

"I got into VESCOP through 1st CAP round itself and was the part of 2nd batch of VES College of Pharmacy, 2008 where I was still unaware of why I had opted for B.Pharm. 20 days prior to my admission I was not even aware of the B.Pharm as a degree or course and but then I was perusing it. It was one of the most happening days of my life, not only because of the academic front which helped me to learn a lot but also the help of sports and extracurricular activities that somehow managed me to pass out from college. I never realized when I was in college, but that thing has really helped me to deep dive into things. I think that helped me to move upward in the corporate and career ladder".



Mr. Ashwin Iyer

"VESCOP has helped me tremendously in my professional journey. During my B.Pharm, I developed a solid foundation of the various concepts involved in pharmacy and was able to integrate it proficiently with my post-graduation studies. Also, the strong values and principles inculcated at VESCOP helped me at every aspect of my life".

Ves College Of Pharmacy Program Specific Outcomes - M.Pharm (PSO)



At the end of successful completion of program, a post graduate should:

DEPARTMENT OF PHARMACEUTICS

Sr. No.	PSO Term	Statement
1	Analytical Thinking & Problem solving ability.	Be able to understand and apply knowledge of novel and advanced drug delivery systems in single and combination dosage forms for their formulation development, quality control testing and evaluation, selection of polymers and excipients, demonstrate skills for dose calculations, dose adjustments use computers in pharmaceutical research and development and apply knowledge of biopharmaceutics and pharmacokinetics in practical problem solving for development of formulations and cosmeceuticals.
2	Create and Innovate	Be able to develop generic/innovator dosage form, create various regulatory filing documents and approval. Preparation of dossiers, post approval regulatory requirements, CTD/eCTD formats, clinical trials and Pharmacovigilance and process of monitoring in clinical trials. Artificial Intelligence (AI) and Robotics, Computational fluid dynamics (CFD) and their use are Pharmaceutical Sciences.
3	Quality Management and Translational Research	Be able to comprehend the basis of pre-formulation studies, optimization techniques, pilot plant scale up, industrial management and GMP considerations, undertake research projects under faculty guidance for practical training and application of knowledge leading to publication of papers, opt for research as a career or go for higher studies. Students should develop theoretical and practical skills of instruments.

DEPARTMENT OF QUALITY ASSURANCE

Sr. No.	PSO Term	Statement
1	Analytical thinking and problem-solving ability	Perform quality evaluation of pharmaceuticals, understand concept of Quality Assurance and apply principle-based approach to solve complex situations. Suggest remedial actions.
2	Create and Innovate	Provide inputs to create protocols for new products and analytical methods development based on modern technologies. Generate documents to comply Regulatory requirements.
3	Quality Management System (QMS) and Technology Transfer (TT)	Apply the knowledge gained to transfer newer technologies for inventing quality, safe and efficacious medicines for mankind supplemented with quality audits.

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Sr. No.	PSO Term	Statement
1	Analytical thinking and problem-solving ability	Perform quality evaluation of pharmaceuticals, problems eg those in isolation, separation, synthesis, purification, identification and screening of chemical entities and provide principle-based solutions.
2	Create and Innovate	Design and synthesize new chemical entities and develop evaluation models using economic and eco-friendly strategies.
3	Quality Management System (QMS) and Technology Research	Apply principles of quality through use of state of art tools and techniques for designing solutions to healthcare, societal and industrial problems.

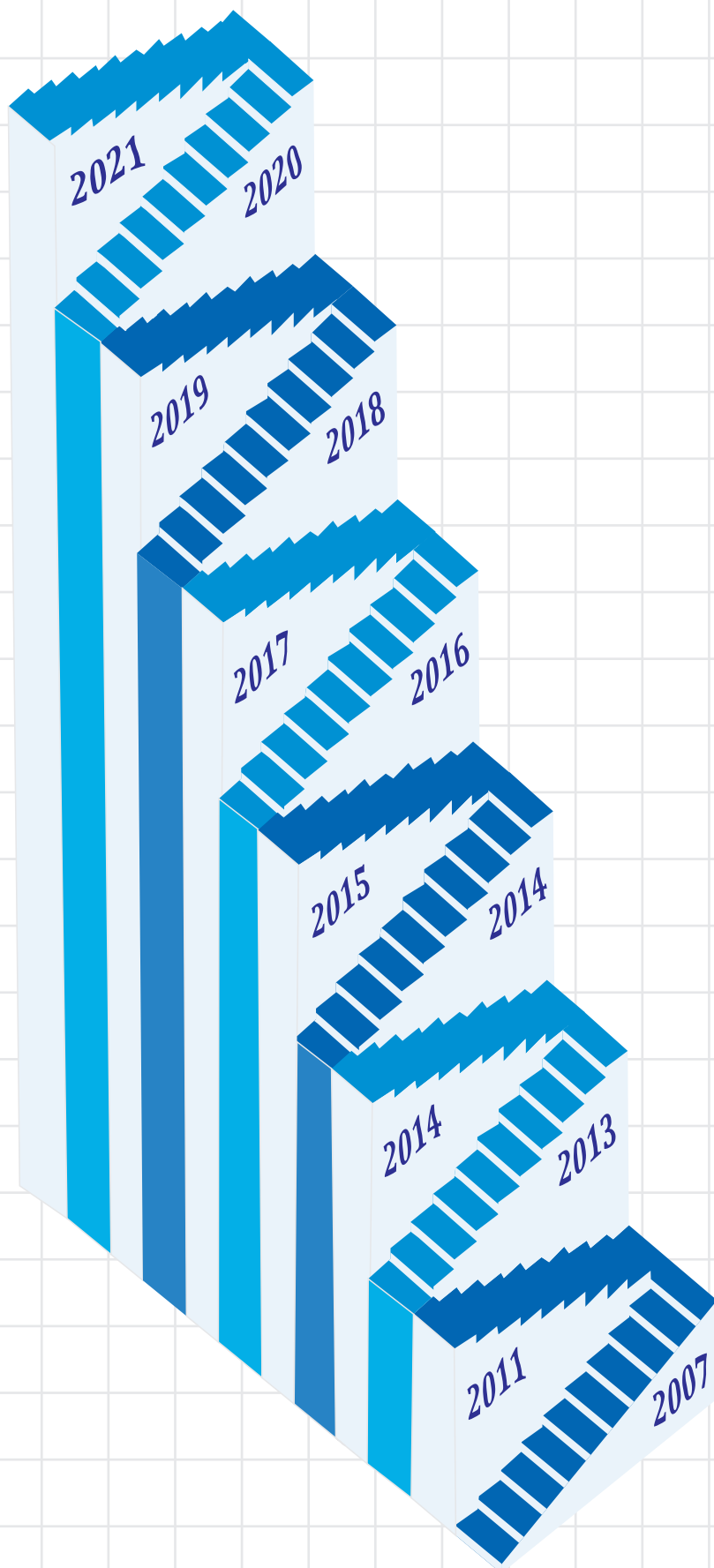
Things to know about VESCOP



- ✓ VESCOP believes in providing equal chance for education to all citizens hence follows 100% TRANSPARENCY FOR ADMISSION and has NO MANAGEMENT QUOTA.
- ✓ The students of VESCOP have been consistently among top few students at B.Pharm exam of University of Mumbai.
- ✓ The college has been awarded as Best Industry Linked Pharmacy Institute in 2018 in AICTE-CII survey and has been consistently securing Platinum Ranking in every cycle.
- ✓ VESCOP has consistently maintained its position in pharmacy category of NIRF-ranking, Ministry of Education, Govt. of India in Rank Band of 51- 75. This is an honour for such young institute to get enlisted among the premier institutes. Its current position is 63rd in PAN India among Pharmacy Institute.
- ✓ Till date the VESCOP has received grants of about Rupees Two Crore Seven Lakhs Five Thousand from Government agencies and industries for various research projects.
- ✓ VESCOP maintains a strong network of alumni.
- ✓ The institute has received several gold medals and silver medal at State level research convention, "Avishkar" which is conducted by Government of Maharashtra.
- ✓ VESCOP has received Championship trophy in Pharmacy & Medical Category & Pure Science Category in the current year in "Avishkar" competition.
- ✓ To strengthen Industry- Institute linkages, the college has signed MOUs with Six reputed companies including Procter & Gamble, Verodex Pharma, Cerelia Nutritech, Adroit Biomed, B & B Pharma, Boolani Engineering Corporation.
- ✓ To augment our research activities and take them to the next level, Dr. Mangal Nagarsenkar, Former Prof. Bombay College of Pharmacy, has joined the VESCOP family as a research advisor.
- ✓ Six patents have been filed by the college till date. Till date 170 papers have been published by the faculty members in various National & International Journals with good impact factor.
- ✓ VESCOP has set up an Institute Innovation Cell (IIC) in the year 2018 as per the directives of Ministry of Education, Government of India, and we are glad to share that our college has received 4-star rating in the very first cycle after launching IPC.
- ✓ VES campus that comprises of streams such as Engineering, Management, Pharmacy, Polytechnic, Arts, Science, Commerce and Law has a defined vision of establishing an Incubation Centre in the campus and the construction of a 7 storied building to set up the Incubation Centre annexed to Pharmacy College building in progress.
- ✓ National Centre of Quality Management awarded the College with top ranks in two consecutive years, 2018 and 2019 in the contest of "Best Educational Quality Enhancement Team".
- ✓ The VESCOP alumni association was registered in year 2012 under Bombay Public Trust Act & Society Act 1860.
- ✓ Till date VESCOP has successfully guided 534 students for DLLE (Development of Lifelong learning and Extension) University of Mumbai.
- ✓ VESCOP launched the unique Campus to Corporate transition program (C2C) in 2015 to make the students Industry-ready, and till date has successfully conducted several sessions.
- ✓ VESCOP has a vision of inculcating Innovation and Entrepreneurship aptitude among the students. Many activities are regularly conducted to hone these skills, namely journal club, poster club, Ignition, Technology Showcase and Chemtastic etc.
- ✓ VESCOP keeps abreast with latest in the field of Pharmacy by routinely holding seminars, workshops and symposium. Till date VESCOP has conducted 19 national and state level technical seminar.
- ✓ The College has started add-on course in Regulatory Affairs since 2018 for both B. Pharm and M. Pharm students. This year add-on certificate course on "Artificial Intelligence in Healthcare was conducted.
- ✓ Rotaract Club of VESCOP was established in year 2016 and in very short time, it has successfully completed more than 40 projects.



Vivekanand Education Society's College of Pharmacy



2020

- NIRF 63rd Rank in Pharmacy Category

2019

- NIRF 67th Rank in Pharmacy Category

2018

- AICTE - CII Rank I
NIRF Ranking 51-75
- Launch of Ph. D Programme in Pharmaceutical Chemistry

2017

- NIRF Ranking 51-75
- SIRO by DSIR, Govt. of India

2016

- NBA Accreditation for B. Pharm
- AICTE-CII Platinum Ranking

2015

- First Batch of M. Pharm, Pharmaceutical Chemistry

2014

- MoU and Joint Research Center with Merck Pvt. LTD.

2014

- First Batch of M. Pharm, Quality Assurance & Launch of Ph.D Programme in Pharmaceutics

2013

- First Batch of M. Pharm, Pharmaceutics

2011

- First Batch of B. Pharm Graduated

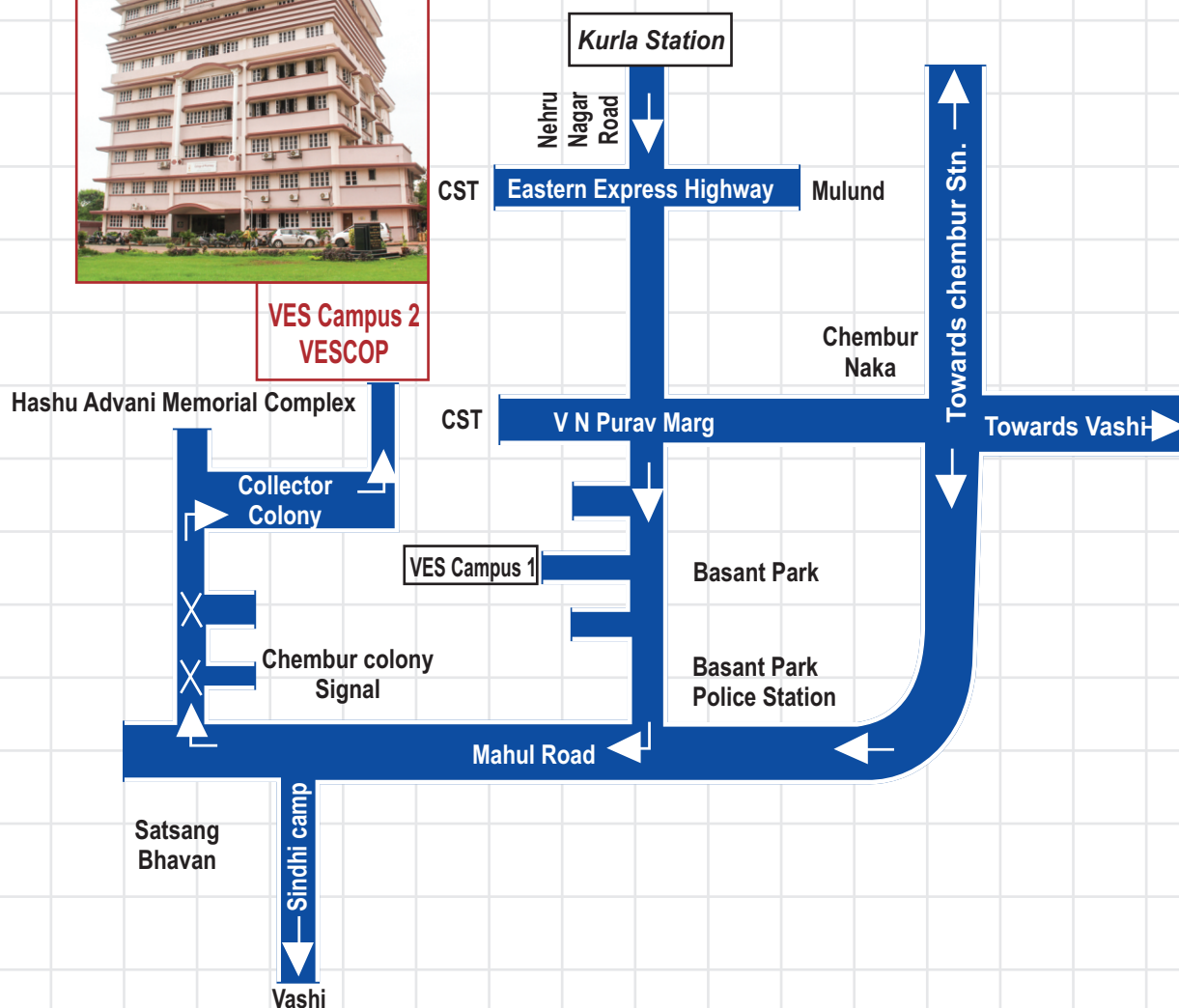
2007

- Establishment of VESOP



**VES Campus 2
VES COP**

LOCATION MAP



Find us at:

- 🌐 vespharmacy.ves.ac.in 📷 @vescop_official 🐦 @vescopofficial
- 📌 Vivekanand Education Society's College of Pharmacy
- 📘 Vivekanand Education Society's College of Pharmacy
- 📺 Vivekanand Education Society's College of Pharmacy



**Vivekanand Education Society's
College of Pharmacy**

Admission Email ID

B. Pharm: ugphadmissioncell@ves.ac.in

M. Pharm: pgphadmissioncell@ves.ac.in

Hashu Advani Memorial Complex, Behind Collectors Colony, Chembur, Mumbai - 400 074. INDIA

Tel.: +91 22 6114 4144 | Email Id: vescop@ves.ac.in | Website: vespharmacy.ves.ac.in