



Late Shri Vishnu Waman Thakur Charitable Trust`s  
**VIVA Institute of Pharmacy**  
At. Shirgaon, Virar (E),  
Taluka: Vasai, Dist. Palghar-401305

Date: 02/05/2020

## ANNUAL REPORT 2019-20

The year 2019-20 has proven to be another exceptional year for our college. This has been a full of achievements and excellence year for our students as well as our staff members. Here are some highlights and key achievements of the past year 2018-19.

### 1. Infrastructural Development

Developed a new laboratory of subject pharmaceuticals for B. Pharmacy.

### 2. Guest Lectures for Curriculum Development

With a view to improve the understanding of different topics in curriculum , following guest lectures were arranged by the institute for final year students.

Sr. No	Name of Professor	Topic	Year	Conducted on
1	Dr. Rajendra Patil	Pharmaceutical Chemistry	Final Yr B.Pharm	01-10-2019
2	Dr. Rajendra Marathe	Structural Elucidation and problems in Analysis	Final Yr B.Pharm	05-10-2019

### 3. Training Programme for Faculty members and Students

#### i) PCI Syllabus Orientation Programme:

Date: 11-11-2019 (Monday).

VIVA Institute of Pharmacy organized “PCI Syllabus Orientation Programme of the Department of Pharmacology (B. Pharmacy)”. Faculties and Experts from several pharmacy Institutes attended the programme. Principal Dr. Sunita Ogale felicitated and introduced the subject experts. Respective subject experts conducted syllabus discussion of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year subjects.

## ii) Career Guidance Program

**Date:** 06-07-2019 (Monday).

Institute arranged a guest lecture on Career Guidance for Young Pharmacists. The session was conducted by Mr. Nikhil Koli, Chief Coach, Pharma Career Compass, Mumbai. Mr. Koli gave a brief overview about webinars for pharmacy students, 12 specific webinars and 3 mentorship webinars. This is first time in India providing stream specific webinars, which would help the students to choose the right path for pharma career.

### 4. The following projects were approved by “Mumbai university for Minor Research Grant”

Sr No	Name of Faculty	Name of project	Grant issued in Rs
1	Sushruta Mulay	Development of formulation for topical drug delivery in treatment of osteoarthritis	40000
2	Dr. Vaishali Shah	Development of herbal formulation for greying of hair	25000
3	Dr. Sanghdeep Gajabhiye	To study the performance of IDRS Indian Diabetes risk as screening tool for undiagnosed diabetes in tribal area of Palghar district	30000
4	Dr. Kamlesh Soni	Confluence of click chemistry and microwave heating to synthesize 1-substituted triazole derivatives and their evaluation as antibacterial agents	45000
5	Priti Mhatre	To study the formulation and characterization of nanosponges of analgesic drug used in treatment of rheumatoid arthritis	25000
6	Dr. Sunita Ogale	To evaluate anxiolytic effect of novel combination approaches in zebra fish model.	60000

## **5.GPAT Club**

**Date:23-05-2020**

**GPAT** GPAT (Graduate Pharmacy Aptitude Test) Club was started by faculty- Mr. Vishal Mardhekar, Asst. Professor (Pharmacology) with a view to prepare students for the national level Exams and to increase the overall understanding of students in Pharmaceutical Sciences. Whatsapp group named “GPAT club” was created. All members were given a study material and timetable of weekly subject wise tests. All faculty members contributed by framing a question paper of respective allotted subjects. The platforms such as Google quiz, Google meet and you tube have been used for regular update and Sunday to Sunday subject wise test.

## **6. Campus drive**

**Date:17-02-2020**

**Placement cell of institute arranged a campus drive** for final year students of VIVA Institute of Pharmacy by company- Rani Sati containers ltd, Vasai. Interview was conducted from 11am to 4pm at institute. The interviewers were Maitreya Deshmukh, Head HR Dept, Rani Sati Containers. Miss Kumavat Rani Sati Containers, Vasai. 27 Students participated in interview.

## **7. Events 2018-19**

### **1 . International Yoga Day**

**Date:20-06-2019**

International Yoga Day was celebrated at VIVA Technical campus in association with Shri AmbikaYogashram, Vasai. Guru Yogacharya explained importance of yoga is an invaluable gift of India's ancient tradition. The art of practicing yoga helps in controlling an individual's mind, body and soul. Also it helps to manage stress and anxiety and keeps one relaxing. Yogaasana build strength, flexibility and confidence, loses weight, improves immunity and maintains healthier life style. Yogasanas were performed by students as well as staff of pharmacy with the guidance of experts.

### **2.Guru Pournima celebration**

**Date: 22-07-2019**

Auspicious day of Guru Purnima was celebrated with great reverence and devotion. A special assembly was conducted in the college seminar hall, marked by the floral tribute by teachers and students to guru Veda Vyasa in ritualistic respect of guru puja. The program started with the shloka "Guru Brahma, Guru Vishnu, Guru Devo Maheshwar". Further, Students delivered speeches on the origin and importance of guru purnima in different languages. Principal Dr. Sunita Ogale shared her words of experience with students which were priceless tokens to students from their Guru. Some of the staff members too contributed their thoughts with students. Students gifted institute collection of photos in a frame as a token of love, respect and gratitude towards the guru and institute for serving them with the quality knowledge and crafting one in a gentle personality.

Visited Sanjeevan Mahila Ashram (Virar East) and distributed food to girls. Discussed issues of education with in charge of Ashram with a view to help girls to educational help from institute.

Students of institute alongwith faculties visited Zilla Parishad school in premises Discussed issues regarding education of children in school with principal and teachers and distributed study materials to its students.

### **3. Orientation program 2019**

**Date: 9-10- 2019**

An orientation program was conducted for the first year students of Viva Institute of Pharmacy in the auditorium. The aim of the program was to inform the students and their parents about the syllabus, facilities provided, rules and regulations which should be followed in the campus. The program started with the National anthem and was followed by the lighting of lamp ceremony by the dignitaries. Honorable Principal Dr. Sunita Ogale motivated the students to excel in academics and also co-curricular activities. She also stressed on the importance of grooming into a good human being. The students were also motivated by the Principal of Viva Institute of Technology Dr. Arun Kumar.

The orientation about the pharmacy course and campus was carried out by Faculty member Mr. Sachinkumar Pandey, Ms. Akkshata Parab and Ms. Hitakshi Makasare; which was followed by the felicitation of rank holders and G-pat students by Principal Dr. Sunita Ogale and Principal of Viva School of MCA Mrs. Chandani. The Program proceeded with Pharmacy oath.

The alumni of Viva Institute of Pharmacy, Mahadev Tate and Deepak Bhadvia explained all their achievements in the curricular and co-curricular competitions and encouraged students to keep participating in such competitions. A fellow student from second year, Omprakash Tudme released the trailer of his self-prepared short film on the topic: "Sangat"(companion).

#### **4. Pharmacy week**

**Date: 22 to 27-09- 2019**

Pharmacy week was celebrated by the students and staff of Viva Institute of Pharmacy from 22<sup>nd</sup> September to 27<sup>th</sup> September 2019 on the occasion of World Pharmacists Day celebrated on 25<sup>th</sup> September. The theme for the year was “Safe and effective medicines for all.”

22-09-19 The week began with an extremely informative seminar delivered by internationally recognized neurosurgeon Dr. Keki Turel. enlightened the audience about the miracle of microsurgery and explained about a number of complications that arise during surgeries like brain tumor. The intricacies and advancement of various operations performed by him were explained with the aid of videos. The session ended with an interactive session in which he answered all the queries of the audience.

23-09-19 The next speaker for the week was Mr. Mahesh Zhagade Ex FDA commissioner-Maharashtra delivered a lecture on regulatory aspects of safe and effective medicines, the importance and need of regulatory affairs in the field of medicine and different roles and duties of pharmacists.

26-09-19 A rally was organized from the Virar Railway Station to the new Viva college campus by students. The students called out slogans along with posters for creating awareness among the people on topics like healthy diet, cleanliness and effective medicine.

27-09-19- The day began with the event Scavenger hunt. It consisted of a quiz round as the basis for qualification for the scavenger hunt. The students had a lot of fun solving the riddles in the quest of the hunt. Later in the day, an exciting debate competition was organized.

#### **5. Tree Plantation Program**

**Date: 23-07-2019**

Institute celebrated “Tree Plantation program” at campus. Trees maintain bio diversity, conserve water, provide habitat for birds and animals, preserve soil and control the climate. Neem tree (AzadirachtaIndica) besides its use in traditional medicine is of great importance for its antidesertification properties and possibly good carbon dioxide sink.

Students of second, third and final year B. Pharm planted saplings of neem tree at VIVA technical campus.

#### **6. Independence Day Celebration-**

**Date: 15-08- 2019**

Independence Day was celebrated at VIVA institute of Pharmacy Shirgaon Virar (E).

#### **7. Hitaishi 2020- Annual Cultural Festival**

**Date: 20-01-2019 to 25-01-2019.**

Hitaishi Festival at VIVA Pharmacy Campus was celebrated from 20-01-2019 to 25-01-2019. Various events were organised like, Story Telling, Mehendi, Street Play, Group Dance, Group Song, Duet Dance, Solo Dance, Bridge Making, Poster Making, Sports, Box Cricket, Relay, Throw Ball, Dodge Ball, Kabbaddi, Carrom, Badminton, and Kho Kho in which students participated actively.

### **8. Republic Day celebration,**

**Date: 26 -01-2029**

Republic Day was celebrated at VIVA institute of Pharmacy Shirgaon Virar (E).

### **9. SEMINAR- Recent Advances in Capsules Technology**

**Date: 7-02- 2020**

A seminar on the topic 'Recent Advances in Capsule Technology' was arranged for the students of institute and other colleges likewise. The speakers of the day were associated to ACG Capsules Company which is the second largest manufacturing unit of capsules. Principal, Dr. Sunita Ogale shared a few words and introduced the speakers.

The first seminar was conducted by Dr. Jnanadeva Bhat-general manager- new product development in ACG Capsules. He gave a brief overview about the stages of drug discovery and the required documents for approval of the new drug. He also shared about phases of clinical trials along with different capsule filling machine operations. The seminar was continued by Anita Solanki-senior executive in research and development in ACG Capsules. She explained about the manufacturing of capsules. She gave details about the raw materials used for capsule manufacturing and gave an introduction of sustained release capsules. The final session was conducted by Dorene Almeida-senior Executive in Research and Development in ACG Capsules. Explained different technologies in capsule manufacturing and different types of capsules like hermatically sealed capsules, dry powder inhalations, capsules as antidotes and so on. A short demonstration of these capsules were also carried out for the students.

A poster competition on the topic Advances in capsules technology. Students from various institutes participated in poster competition. There were 14 posters by the students. The winners of the poster competition were then felicitated with cash prize and certificates.

### **8. Industry Institute Relationship**

**A meeting was held with Vajrachem to initiate projects in nutraceuticals.**

### **9. Program Under Women Development Cell**

Self-Defense Workshop for girl Students and women faculty was organised where Karate training was given by student of first year B.Pharmacy who is black belt from Shotokan karate.

### **10. Industrial Visit/Field Visit-**

## **1. Korten pharmaceuticals**

**Date: 13-09-2019**

The final year students of Viva Institute of Pharmacy visited the industry Korten Pharmaceuticals, Palghar.

Korten Pharmaceuticals is a major industry in the production of parenterals as well as nasal drops. Upon reaching the industry the students were divided into four groups of 12 students each. The competent staff of Korten gave a tour around the industry along with detailed explanation of operations of the plant.

The students were introduced to the engineering aspects in the plant which included HVAC (Heat Ventilation Air Conditioning) consisting of AHU (Air Handling Unit) responsible for circulation and distribution of air in the plant. The students were made aware about the functioning of the system as well as the intricate factors affecting the same. Various steps in purification of water such as de-ionisation, ultrafiltration were also seen.

They also noted the filling, manufacturing, labelling and packaging of oxymetazoline nasal drops. The students also learned about the raw material storage area and the role of QA and QC in their sampling and approval. Filling and sealing of ampules were also noted followed by the optical visualization to check whether the ampules were free of dirt, debris, glass fibres. Overall, this visit was an opportunity for the students to grasp knowledge about the general working and manufacturing at the industry level. It was indeed a very informative session.

## **2. Industrial Visit to Associated Capsule Group (ACG).Ltd. at Dahanu,**

**Date: 04-01-2020.**

Students of Third year B. PHARM. Mr.Ganesh Vichare (Admin and Executive officer) explained about the plant. ACG is ISO9000:2018 Certified and USFDA approved Plant, which manufactures capsule shells of both natural and animal sources. Third Year students along with three professors visited ACG Capsules Ltd, the leading manufacturer of hard gelatin capsule shells, as part of their training sessions related to manufacture of formulations as well as their evaluation procedures.

## **3. Botanical Garden Visit**

**Date: 18-10- 2019**

Students of Second year and First year B. Pharm visited a botanical garden in Vangaon-Juily Nursery.

Juily nursery is a botanical garden along with vegetable farm. Owner developed many kind of species of plants including both shrubs and trees. Tour guide explained about different plants like Ashoka, Senna, Vasaka, Shatavari, Ashwgandha, etc.and their pharmaceutical uses. They also showed different kind of techniques to cultivation and collection of above plants. Bonsai trees were special attraction of the nursery. The caretaker also gave information of different types of soil. Students even observed entomophily.

## 11. Staff Achievement

Mrs. Vishakha Thakur faculty- Pharm. Chemistry won Special appreciation prize in Research Scholar and Teacher category national level E Poster competition on Covid Pandemic organized by Dr. D.Y.Patil Institute of Sciences and Research, Pune.

## 12. NSS Activities

Sr No.	Event Name	Date	Participants	Description
1	Blood Donation camp	5/29/2019	12 volunteers	CST Railway station
2	Blood Donation camp	6/14/2019	-	CST Railway station
3	International Yoga Day	6/21/2019	Pranjal Vaity Talha Siddiqui	St. Gonsalo Garcia College, Vasai
4	Blood Donation Camp	7/9/2019	18 volunteers	CST Railway station
5	Rashtra Seva Samiti Camp		Sanket Shirodkar, Shikha Tiwari	Rakhi making and various other products.
6	Tobacco Pledge	7/15/2019		Vasai
7	Guru Pornima Celebration	7/16/2019	Shreya, Sachin, Rishabh sanket , Shikha	Z.P School, Virar
8	Rakhi Distribution	8/6/2019	NSS Volunteers	At institute
9	Independence Day	8/15/2019	NSS Volunteers	At institute
10	Blood Donation camp	8/16/2019	15 volunteers	Churchgate Railway station.
11	NSS Orientation	8/20/2019	-	At institute
12	Mahiti Doot Event	8/21/2019	Volunteers from first year	At institute
13	Fit India Campaign	8/29/2019		At institute
14	Malnutrition workshop	9/21/2019	Jayesh Gupta	At institute
15	LTP Camp		Deepak	At institute
16	Slogan Writing Competition	9/22/2019	-	At institute
17	NSS Day	9/24/2019	-	At institute
18	Rally	9/26/2019	-	Virar
19	Poshan Ahar Survey		50 volunteers	Virar
20	Blood Donation camp	10/3/2019	-	The camp was held at VIVA Institute of Pharmacy.
21	Quiz Comoetition	10/3/2019	-	At institute
22	Bhajan Sandhya Competition	10/3/2019	-	At institute
23	Blood Donation Camp	12/10/2019	16 volunteers	Andheri railway station.
24	Blood Donation Camp	12/26/2019	16 volunteers	Virar railway station.
25	UMANG Anti-Addiction Campaign	1/4/2020	08 volunteers	Vasai
26	Beach Cleaning Drive	1/18/2020	20 volunteers	Bhuigaon Beach



### 13. Students Achievements

#### Winners of Pharmacy week Events

Event	Winners (First place)	Second place	Third place
QUIZ	Tejaswini Chaudhari, Mikhil Kore, Samarth Rane, Vimal Rupareliya	Ruchita Joshi, Ruchita Gharat, Nidhi Bhanushali, Vishakha Aptekar	Neha Bhosale, Prasad Angane, Mrunal Patil, Alpika Pawar
SCAVENGE R HUNT	Pranjal Vaity, Amol Dhumale, Varun Surve, Nitish Baniya	Tejaswini Chaudhari, Mikhil Kore, Samarth Rane, Vimal Rupareliya	Shreya Suryavanshi, Rajeshwari Maurya, Akansha Gijare
DEBATE	Talha Siddiqui, Niki Jain, Maya Jangid, Gaurav Tiwari	Sampada Tamhankar, Vimal Rupareliya, Jayesh Gupta, Sanket Shirodkar	_____

- **Achievements in other institutes and universities**

Sr. No	Name of Competition	Date	Organised by	Name of student year	Prize
1	Logo Competition	27-07-2019	VES Institute of Pharmacy	Talha Siddique, Rajeshwari Bale	First
2	Mehandi Competition (Youth Festival)	13-08-2019	Mumbai University	Maya Jangid	Second
3	Elocution Competition (Patriotism)	24-09-2019	Mumbai University	Sanket Shirodkar	Third
4	Swachha Bharat Abhiyan	1-10-2019	Sahyadri Shikshan Seva Mandal, Naigaon	Sanket Shirodkar	Third
5.	Symphoria	4-01-2020	St. Johns College of Pharmacy	Sanket Shirodkar	First
6	Case Study Competition	5-01-2020	RPIMS Bhaayander	Sanket Shirodkar	First
7	E poster completion (COVID19)	14 -04 -20	MET Pharmacy college, Bandra	Sampada Tamhankar	Third

- **Hitaishi 2020 winners**

**Cultural Events 20-01-20 to 25-01-20**

<b>Sr. No</b>	<b>Name of Competition</b>	<b>Name of student</b>	<b>Prize</b>
1	Fashion Show	Shreya Suryavanshi and team	First
2	Group Dance	Spartan- Sachin Yadav and team	First
		Dazzling Toys-Rajvi Jain and team	Second
		Triplets- Tejaswini and team	Third
3.	Folk Dance	Maya Jangid and team	Third
4	Duet Dance	Meenaxi Jain and Riddhi Deshpande	First
5	Solo Dance	Pranav Nirmal	First
6	Skit	Rajvi Jain and team	Second
		Kunal Utekar and team	Third
7	Solo Singing	Nitisha Patil	Second
8	Western Group Singing	Gargi Dixit and team	Second
9	Indian Group Singing	Shreya Suryavanshi and team	Third
10	Kawwali	Shreya Suryavanshi and team	Third
11	Solo-Classical Dance	Poorva Godambe	Second

- **Sports**

<b>Sr. No</b>	<b>Name of Competition</b>	<b>Name of student</b>	<b>Prize</b>
1	Box Cricket	Rajvi Jain	Second
2	Plank	Shruti	First
		Shubhangi Avad	Second
		Mrinal Patil	Third
3.	Dodge Ball	Swarali Patil	First
4	Throw Ball	Monali Chaudhari	Second

5	Relay	Riddhi Deshpande	Second
6	Chess	Nikita Khule	Second
7	Badminton Doubles	Meenaxi Jain and Riddhi Deshpande	Second
8	Skipping	Varun Surve	First
9	Pull Ups	Shubhangi Avhad	Third

- **Rx-2019 Winners**

### **IPA Maharashtra State Branch students forum**

<b>Sr. No.</b>	<b>Name of Competition</b>	<b>Name of Students</b>	<b>Year</b>	<b>Prize</b>
1	COVID Awareness Video making competition	Shreya Suryavanshi and Sanket Shirodkar	2019-20	Third

#### 14. GPAT qualified students

The following students of final year B.Pharm were qualified in GPAT exam

Sr. No.	Name	Score	Rank
1	Anup Gupta	247	76
2	Fareed Shaikh	197	610
3	Jayesh Gupta	191	746
4	Meenakshi Jain	180	1088
5	Niraj Parihar	180	1100
6	Sanket Shirodkar	179	1146
7	Govind Vaishnav	174	1334
8	Sampada Tamhankar	171	1457
9	Sachin Yadav	168	1593
10	Mikhil Kore	152	2606
11	Ruchita Gharat	147	3068
12	Shreya Suryavanshi	124	6229
13	Aakansha Gijare	82	18976

## 15. Faculties registered for PhD program

With a view to upgrade qualification, the following faculties have enrolled in the year to pursue PhD.

<b>Sr. No</b>	<b>Name of Faculty</b>	<b>Department</b>
1	Sushruta Mulay	Pharmaceutics
2	Sachinkumar Pandey	
3	Akshata Parab	
4	Priti Mhatre	Pharm Analysis
5	Ruchita Dhangar	Pharmacology

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