



# PHARMAVOICE

College Newsletter...

VOL 5 ISSUE 3

JAN - MAR 2020

## VISION

- To be amongst the top ten Pharmacy colleges in India by imparting excellence in Pharmacy education.
- Instilling research temperament in Pharmacy students.
- Continuous up gradation of infrastructure to maintain high standards of education

## MISSION

- Inculcating timeless values of caliber, competence, confidence and conscience in budding pharmacists.
- Indoctrinate quality in all aspects of Pharmacy education thereby enabling provision of better healthcare services.

## QUALITY POLICY

- The AISSMS College of Pharmacy is committed to empower our students to meet global challenges in Pharmacy profession through excellence in education.
- Our highly qualified and committed faculty is constantly exploring newer frontiers of knowledge with the intention to build quality pharmacist.
- We believe in honing the overall persona of our students through excellence in academics, co curricular and extracurricular activities.
- We strive to develop a sense of social obligation and discipline among our students not only to make a better technocrat but also a better human being.

## OBJECTIVES

- To provide sufficient understanding of scientific principles and techniques of pharmaceutical sciences.
- To develop commitment for the quest of science.
- To provide comprehensive knowledge and experience.
- To provide exposure to latest techniques and technologies.
- To teach pharmacy ethics to students.
- To cater to manpower for globally growing pharmaceutical industry and for implementation of drug laws for compliance to regulatory norms.

All India Shri Shivaji Memorial Society's  
**College of Pharmacy**  
Kennedy Road, Pune-411 001

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## EDITORIAL

The past few months have been amazingly exciting and thrilling for AISSMSCOP!

Starting right off with excelling in Graduate Pharmacy Aptitude Test by the students to winning and representing the college at various platforms; it's never-ending.

In GPAT, Atharava Kulkarni got 18<sup>th</sup> All India Rank giving the first blast to the college.

The second blast, Securing second and fourth place in IPA National Pharma Quiz Competition 2019-2020 by the students.

These months were truly like **A new day, A new Victory!** These victories not only led to enthusiasm but motivation and zeal and determination within the AISSMSians to explore something new and move forward to achieve their dreams!

We love to share such experiences and knowledge with everyone and ergo we present you this PharmaVoice!

Keep scrolling for insights of happenings and also to update your knowledge.

Happy reading!

Team PharmaVoice.



**TEAM PHARMAVOICE**

( Sitting From L to R )

**Mr. Vaibhav Raut (M. Pharm. I year)**

**Dr. Santosh Gandhi (Faculty Member)**

**Dr. Ashwini R. Madgulkar (Principal)**

**Mrs. Shital Patil (Faculty Member)**

**Ms. Sayali Sheth (M. Pharm. II year)**

( Standing From L to R )

**Ms. Purva Kalel (B. Pharm. I Year)**

**Ms. Kshitija Abhang (B. Pharm. II Year)**

**Ms. Samruddhi Pande (B. Pharm. III Year)**

**Mr. Saurabh Rohom (B. Pharm. IV Year)**

## NEWS & EVENTS



**1. Lecture on Plastic Waste Recycling 7<sup>th</sup> Jan 2020:** AISSMS College of pharmacy, Pune 01 had organized a film screening arranged by Kirloskar Vasundhara International Film Festival firm. Kirloskar Vasundhara Group had appointed two experts from Giripremi Club in Pune. Mr. Umesh Zirpe and Mr. Ajit Kandekar. Mr. Umesh Zirpe is leading mountain expeditions in Himalayan region. He explained well about the previous expeditions



*Success isn't easy, and that's a good thing - at least in business. If it was easy, everybody would be doing it and your competition would be outrageous!*

through his powerpoint presentation. He also described about the research going in trekking arena. Mr. Kandekar is also a very enthusiastic mountaineer. Mr. Kandekar explained well about the treks which took place in Sahyadri Range in Maharashtra. Video based on trekking on Himalayan range was shown during program. Ecoranger from Third year B pharm discussed the issue very well. The session was very interactive between the ecorangers and students from audience. Finally, vote of thanks was proposed by a member from Ecorangers team. The event was attended by students of First Year B. Pharm along with students committee of Third Year B Pharm who organized the event under the guidance of Prof. Vidya Wable.

**2. Mrs. Shobha Jadhav, Librarian, AISSMS College of Pharmacy** attended one day meet of College Librarians at Jayakar Knowledge Resource Centre, Savitribai Phule Pune University, on Tuesday, 7<sup>th</sup> January 2020. Jayakar Knowledge Resource Centre, Savitribai Phule Pune University, Pune had organized this program, on the title "College Librarians' Meet". This meet was intended to have harmony, co-operation and mutual understanding between Jayakar Knowledge

Resource Centre (i.e. University Library) and College Libraries of Savitribai Phule Pune University. Libraries and Librarianship are marching through time bound changes and challenges. To keep pace with time, tools and techniques; healthy symbiotic relations are to be maintained among all professionals.

**3. State level seminar Participation:** Students of M. Pharm (Department of Quality Assurance Techniques) Miss Jyoti S. Galande and Miss Priyanka M Pardeshi participated and had Poster presentation of research work under guidance of Dr. Santosh V. Gandhi, Professor at state level seminar on Systematic Approach to Spectral Interpretation organized by Seth Govind Raghunath Sable College of Pharmacy, Saswad between 8-9 January 2020

**4. Creative champs' competition** was organised for the students by AISSMS to highlight the best features of the AISSM Society through their Photography, Video and writings creativity. It was held in Dec 2019-Jan 2020. Ms. Aditi Vaidya of SY B. Pharm was declared as the winner under the creative writing category.

**5. National Service Scheme (NSS) camp** was organized by AISSMS College of Pharmacy during the period of 9<sup>th</sup> Jan to 15<sup>th</sup> Jan 2020 at Hivare



*When ordinary people decide to step out and be part of something big, that's when they become extraordinary.* 3





Village, Saswad Taluka, District-Pune. As a part of NSS Activities, a Seven-day camp was held with a sole view of rural development and value education. During 7-day camp various activities such as cleanliness drive, street play, cultural programme, hand writing and drawing competitions for students, medical health check-up camp, rangoli competition for the ladies of the village, tree plantation programme, home minister event was conducted at Hivare village to promote interaction with the villagers and used the NSS platform to spread awareness about different social issues. Mr. Rahul Padalkar, Program Officer NSS, Dr. Sachin Tembhurne coordinated the activity under the guidance of Principal Dr. Ashwini R Madgulkar.

**6. International Seminar:** Dr. Monica RP Rao attended SPPU sponsored International Seminar on 'Intervention of nanotechnology in targeted drug delivery system' at STES's Sinhgad College of Pharmacy, on 13<sup>th</sup> and 14<sup>th</sup> January 2020. Her M Pharm students, Mr. Sanskar Mahajan and Ms. Tejal Gangwal presented paper titled "Solid self-Nano emulsifying drug delivery system of anti-hypertensive drug" at the conference.

**7. Gender Equality Awareness Program:** In order to promote gender equality in the college,

gender champion's team conducted awareness program by showing film fest/ short movies on gender equality. This year our team has conducted Gender Equality Awareness Program on 14<sup>th</sup> January 2020. During this program total 61 students were participated (30 Girls students and 31



Boys students). This program was coordinated by Mr. Tushar Jadhav and Ms. Mrunmai Mankar (Gender Champions) along with Mrs. Vidya Wable, Dr. Sachin Tembhurne and Dr. Mithun Bandivadekar under the guidance of Principal Dr. Ashwini R Madgulkar.

#### **8. Innovative Teaching Learning Process: Game based learning- Word search puzzle competition**

- Word search puzzle competition was organized by Mrs. K. D. Asgaonkar for Second Year B. Pharm students on 15<sup>th</sup> January 2020 in the subject of Pharm. Organic Chemistry-III. Students were required to locate hidden words in the puzzle related to Molecular rearrangement reactions.



Students whole heartedly participated and enjoyed the competition. This innovative teaching method resulted in the students meticulously reading the topic and enjoying the teaching learning process. Prizes were given for different levels of completion of the puzzle. Winners of the game were Ms. Deepti Shinde, Ms. Aditi Vaidya.

**9. Innovative Teaching Learning Process: Book review activity:** Students of Second Year B.Pharm actively participated in Book review activity and presented the review on 17<sup>th</sup> January 2020 in the subject of Pharmaceutical Organic Chemistry. This activity was conducted by the subject teacher Mrs. K. D. Asgaonkar. Students referred all the theory as well as practical books of



Organic Chemistry available in the college library. More than 30 books were reviewed with respect to the syllabus. This activity encourages students in developing referencing habit, enriching their study material and also introduces them to topics beyond the scope of the syllabus. This in turn would help them in preparing for various competitive exams.

**10. Innovative Teaching Learning Process: Field survey:** In order to understand the wide application and importance of Stereochemistry, students carried out study of different chiral drugs for their structure, marketed preparations and use in

the month of January. This activity increased the interest of the students in the topic and resulted in better understanding and retention of the topic.

**11. National Level Workshop Participation:** Students of M. Pharm (Department of Quality Assurance Techniques) Mohini S More and Miss. Shradha P Chaudhari had participated and had Oral presentation of research work guided by Dr. Santosh V. Gandhi at SPPU sponsored national workshop on “Exploring the Current Advancement in Chromatographic Techniques” organized by Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune-411018 between 18-19 January 2020

**12. Guest lecture:** AISSMS College of Pharmacy, Pune organized Guest lecture for the students of B. Pharm and M. Pharm “Careers for pharmacists as Drug Inspector” on 30<sup>th</sup> January 2020 Guest Speaker for the program was Mr. Sachin Kamble, FDA (Drug Inspector), Pimpri. The event was coordinated by guest lecture committee Dr. Monica RP Rao, Mr. Gitendra Gajbe and Mr. Omkar Devade.



**13. Guest lecture:** Guest Lecture Committee arranged Guest lecture on 4<sup>th</sup> February 2020 on the topic “Innovative career options” by Mr. Amal Gadkari and Dr. Shobhna Aanand for B.Pharm and M. Pharm students. The event was coordinated by



guest lecture committee Dr. Monica RP Rao, Mr. Gitendra Gajbe and Mr. Omkar Devade.



**14.** Dr. Santosh V. Gandhi, Professor, Department of Pharmaceutical Chemistry along with M. Pharm. students Shubhada Kailas Jagdale, Jyoti S. Galande, Shradha P. Chaudhari of Pharmaceutical Quality Assurance attended and presented research papers at three-day International Conference on “Recent Trends in Chemometrics” held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020.



**15. Participation in UG Research Conference:** Students of B.Pharm participated in 5<sup>th</sup> METRXPLORE 2020 (UG Research Conference) held at MET Bhujbal Knowledge City's Institute of Pharmacy, Nashik on 8th February 2020. Mrs. A. N. Avalaskar, Mrs S. M. Patil, Mrs. K. D. Asgaonkar and Mr. Rahul Padalkar have guided 3 teams each having 3 - 4 students. Students who presented their

work are: Kshitija Abhang, Bhairavi Bakhle, Ayush Khater, Gaurav Mahajan, Utkarsha Avhad, Maheshkumar Aher, Abhishek Tashi, Ashutosh Mahamuni, Anish Panwalkar.

**16. Participation in Workshop:** Miss. Priyanka Kandhare faculty of our college has participated in one day regulatory affairs workshop on “Global Regulatory Affairs, Opportunities, Challenges and Career” organized by School of Pharmacy on Saturday 8th February 2020 at Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune



**17.** Mrs. Shobha Jadhav, Librarian, AISSMS College of Pharmacy attended two days' workshop of British Council India at British Council Third Floor, Ramsukh House, Ganeshkhind Road, Near Sancheti Hospital, Shivaji Nagar Pune, Maharashtra 411005 on Saturday and Sunday, 8<sup>th</sup> and 9<sup>th</sup> February 2020. British Council India



*Inspiration responds to our attentiveness in various and sometimes unexpected ways.*

Library, Shivaji Nagar, Pune had organized this program, on the title “Conflict Management and Decision Making” and “Stress management by Mindfulness followed by team games by Deepak Morris”.

**18. Annual Gathering: Spandan,** the annual gathering of AISSMS College of Pharmacy was held between 21<sup>st</sup> to 23<sup>rd</sup> February, 2020 which was inaugurated by Hon. Joint Secretary of AISSMS, Shri. Suresh Pratap Shinde. The event was a splendid combination of competitions and activities like Dance and Singing, Fashion show, Fun Fair, Paper and Face painting, treasure hunt, scientific model making and so on. The general championship was won by the Final year class and M pharmacy class stood as the runner up. The entire event was

hosted and managed by the culture committee consisting of Atharva Kulkarni (Cultural Secretary), Vaibhavi Kardile (Cultural Joint Secretary), Rohit Chaudhari (Treasurer) and the cultural representatives of all other classes under the guidance of Mr. Rahul Padalkar and Mr. Mithun Bandivadekar (Cultural teacher Incharge) with the support of Principal Dr. Ashwini Madgulkar.

**19. Alumni Meet 2020:** 29<sup>th</sup> February, 2020 wasn't the ordinary day for the students of All India Shri Shivaji Memorial Society's College of Pharmacy as they Reminiscenced, Rejuvenated and Rejoiced for the Alumni meet 2020 which was conducted by AISSMS Pharma Graduate Team (APGA). All the APGA members geared up their sleeves, tucked their collars and embraced the alumni for the event. According to the theme decoration the metaphor of cherry blossom was given to alumni. The alumni are like flowers of cherry blossom; they have grown within the sturdy support of the college but have fluttered across the world just like cherry blossom tree. In total more than 100 alumni, Final year B.Pharm, second year M.Pharm, whole APGA team, supporting staff and the teaching staff graced the alumni meet 2020. The principal Dr. Ashwini Madgulkar, welcomes, appreciated the progress & growth of the alumni students as well as the APGA



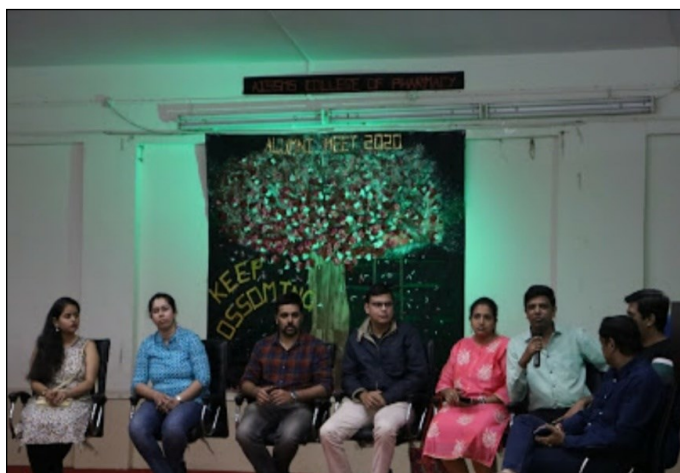
*Words can inspire, thoughts can provoke, but only action truly brings you closer to your dreams. ~Brad Sugars*



Advisor Dr. Shashikant Bhandari welcomed the guest. APGA President Mr. Rohan Thorat briefed the various activities organised in the college and APGA Secretary Ms. Ravina Khandelwal briefed about APGA activity overview.



The event started with the views of alumni on the current Pharmacy profession requirements. This event was carried on with the career discussion forum where the following dignities were invited on the stage Bhagyashri Karmarkar (MS institute), Gautami Bhatawadekar (R&D), Sharvari Kshirsagar, Rohit Godbole (R&D), Asha Hole, Veena Vaidyanathan (R&D), Nitin Wable (QA), Nilesh M (Marketing), Prashant Agarwal, Rahul Chordia, Rachna Sonawne. The questions were asked by the students to the following alumni's regarding post-graduation, competitive exams, recruitments & about entrepreneurship. The alumni



periodically interacted with students and exchanged their views (tips and tricks) and experiences and how one should survive in the booming field like pharmacy. They also gave an excellent feedback about our college, our teaching & non-teaching staff. They also gave suggestions about quality enhancements & institutional development. To memorialize the hard work and dedication shown by the APGA members throughout the year, the working committee members were awarded certificates of appreciation at the hands of all the distinguished alumni. A vote of thanks was given by APGA Treasurer Ms. Samruddhi Kelkar.

The sessions proved to be a very fruitful with all the students benefitting from it. Lastly all the alumni teaching and non-teaching staff headed for the dinner where the students got to interact with alumni.

**20.** Ms. Priyanka Khandare, Assistant Professor, Department of Pharmaceutical Chemistry attended the Biopharma talk series for development of novel biologics: The central role of collaboration by Dr. Narendra Chirmule, CEO Symphony Tech Biologics in 100, NCL Innovation Park Dr. Homi Bhabha road Pune on 5/3/2020.



**21. Women's Day event "AISSMS DIVA 2020"** was organized by AISSMS Social media team on Friday 6th March 2020. The event is scheduled at

*If you want something out of life you have to go out there and get it, because it is not just going to be given to you.*<sup>8</sup>



12 pm at College of Hotel Management and Catering Technology, Seminar Hall 5th floor. As a part of this event they had organized a contest on 4th and 5th March where more than 20 women faculty members and 33 Girl students from various AISSMS institutes had participated.

Five ladies' faculties and five girl students were participated from AISSMS College of pharmacy. On 4<sup>th</sup> and 5<sup>th</sup> March different rounds were conducted which include Mastermind (general knowledge quiz), Speak your Minds (oratory competition), The X factor (Talent Show) followed by Judges question round.

**22.** Gundecha Gautam Sanjay and Kolse Pooja Balasaheb participated in PHARMEET 2020 National Conference On "Emerging Prospects in Pharmaceutical Industry" organized by MITCON Institute of Management on 08/02/2020 under guidance of Mrs. Swati Kolhe

**23.** Mr. Gautam Gundecha, Mr. Anup Deshmukh, Mr. Anirudha Chaskar, Ms. Pooja Kolse, Ms. Pratima Tambe students of M.Pharm Pharmacology participated in National Level E-Poster competition organized by Sinhgad Institute of Pharmacy, Narhe on 14.02.2020. Students have presented E-poster on various themes under the guidance of Mrs. Swati Kolhe and Dr. S.V. Tembhurne of Pharmacology Department.

**24. "LIFE IN SPACE":** Saurav Kulkarni from first year B. Pharm completed space camp held on 29<sup>th</sup> February to 6<sup>th</sup> March of Honeywell leadership challenge academy. They were trained to build heat shield holding the principle of rocket heat shield and tested it. They also prepared a working model of rocket and officially launched it. The camp aimed and successfully helped youngsters in experiencing the 'life in space' by various activities.

The leadership camp felicitated Saurav with the certificate of completion of course. Now truly AISSMSians have touched not only the sky but the space above it as well.



**25. Ranangan 2019-20:** Ranangan is the most awaited event of AISSMS College of Pharmacy. Students participate in various sports with enthusiasm and passion. It includes both indoor as well as outdoor events. The indoor events were held on 3rd & 4th September in auditorium. Indoor events included carrom, chess, table tennis & arm wrestling. Art cannot be separated from sports, some events like handwriting, mehndi were held to bring up the artistic talent of students. Indoor group events like Rangoli, flower arrangement was also held in the college premises.



Final year got the lead in indoor events by winning in all formats of carom and chess(boys) whereas chess (girls)was conquered by first year. Badminton was conducted on 7th September at



COEP's Badminton court. All the formats of badminton matches were conducted and students participated with great enthusiasm. Final year won the Badminton mixed doubles & girls' category whereas Seconds stood runner up.



To show the sportsmanship spirit on field, outdoor events were commenced on date 12 Feb to 15 Feb 2019. A list of energetic events was conducted such as cricket, basketball, football, throwball, tug of war, etc.

Cricket is most liked game for Ranangan, the trophy of cricket was won by M Pharm. The most interesting nail-biting match of volleyball was won

by M Pharm by defeating Final Yr. in the finale round. Basketball is a full court game. Half court in basketball didn't reduce the enthusiasm of students but added more passion. Second year won in boys'



category and first year in girls' category. Definitely girls have equally participated in all the sports. Throwball is a game played by girls. Final Yr won throwball by defeating all other classes.

Tug of war and football were two other events organized. The strong and muscular of First Yr won the tug of war in both categories (boys & girls). Third year won the Football match at the last seconds of match "a complete thriller" it was. The unity and supportive attitude of the students was judged for the class event called collage making. Collage competition was conquered by Final Yr for their unity and major participation. To support the class and bring up the fire of opponents, students created a meme wall. Memes were used to cheer and support in a sarcastic manner, which came out as a joyful part of Ranangan. All the events were organized by Final.Yr sports secretaries and coordinators under the guidance and supervision of sports teacher incharge Dr.S.V.Bhandari and Sports committee member Dr.M.M.Bandivadekar.

Second Yr came out as a runner up for Ranangan. Every class performed well but there can

*Having a specific meaning and purpose in your life helps to encourage you towards living a fulfilling and inspired life.*



## PHARMAVOICE

JAN - MAR 2020

be only one winner. The winner for Ranangan 2019- 2020” organized by Sanjivani College of Pharmacy, 20 was Final Yr. Vinay Rathod & Ankita Bulani Kopargaon on 15.03.2020. She has presented from Final Yr B. Pharm acted as Sports Secretary. research theme for the management of anaemia The activity was coordinated by Dr. S. V. Bhandari under the guidance of Dr. Sachin Tembhurne and and Dr. M. M. Bandivadekar . Mrs. Swati Kolhe of Pharmacology Department.

**26.** Snehankit Gawde, Sayali Sugaokar, Pradip Chavan, Prajakta Mane and Gajanan Paul (COVID-19), with the shortage of mask, Mr. Anup participated in 18<sup>th</sup> International symposium on Deshmukh student of M.Pharm Pharmacology “Advances in technology and business potential of branch has prepared masks at his home and new drug delivery system” of Controlled Release distributed in his home town of Amravati region. Society organised by ICT Mumbai on 28-2-20. The intention behind his social contribution toward

**27.** Ms. Dipali Hanamghar M. Pharm Student of stop the spread of *coronavirus* by people.

Pharmacology participated in National Level

Research idea competition i.e. “Sanjivani Aviskar -

### UPCOMING EVENTS



- Farewell Function for Final Yr B Pharm and M Pharm students.
- IPR day celebration in the month of April.
- Sessional and University exams in April-May 2020.
- World Environment Day Celebration

### STUDENTS' ACHIEVEMENTS



1. Our college congratulates the toppers of B. Pharmacy December 2019 SPPU Examination:

Sr. No.	B. Pharm. Sem.	Merit No.	Name of toppers	SGPA
1	I	1	Jain Jidnyasa	8.593
		2	Mulley Vaibhavi	8.185
		3	Kulkarni Saurav	8.148
2	III	1	Vaidya Aditi	8.33
		1	Abhang Kshitija	8.33
		2	Shinde Deepti	8.167
		2	Kolhatkar Bhargavi	8.167
		2	Upadhya Maitree	8.167
		3	Vaidya Shruti	8
		3	Ranpise Pallavi	8
3	V	1	Kelkar Samruddhi	8.161
		2	Jadhav Shivanjali	8.097
		3	Kawade Tejal	8.067
		3	Avhad Utkarsha	8.067
4	VII	1	Ombase Aarti	8.51
		2	Auti Pooja	8.29
		3	Kulkarni Atharva	8.226

*The truly rich are those who enjoy what they have.*

2. Mr. Ranjit Kumar Padakanti (M Pharm, Pharmaceuticals) won second prize at poster competition held in the seminar “Pharmanest” an international conference on “Shaping the Future of Pharma Industry, New Era Innovation In Biotechnology: Pharmaceutical Sciences and Biosciences” organised by Operant Pharmacy Federation at VEES college of Pharmacy, Mumbai, on 9<sup>th</sup> Jan 2020. Mr Ranjit Padakanti guided by Dr. Mithun Bandivadekar.



3. Ms. Tejinder Kaur (PhD) and Ms. Pradnya Shirude (M Pharm), department of Pharmaceuticals, AISSMS College of Pharmacy, Pune, secured 1<sup>st</sup> and 3<sup>rd</sup> prize respectively at E poster competition held during international seminar on “Intervention of nanotechnology in targeted drug delivery system.” Sponsored by Savitribai Phule Pune University” and organised by Sinhgad College of Pharmacy, Vadgao (BK) Pune on 14<sup>th</sup> January 2020. Ms. Tejinder Kaur guided by Dr. Ashwini R. Madgulkar and Ms. Pradnya Shirude guided by Dr. Mangesh Bhalekar.

4. Mr. Abhijit Valvi and Abhimanyu Utturkar. M Pharm (Pharmaceuticals) attended National workshop titled "Exploring the current advancement in chromatographic techniques" on 17<sup>th</sup> – 18<sup>th</sup> January 2020 at Dr. D.Y Patil institute of pharmaceutical sciences and research. They secured first prize in E-



5. Saurabh Rohom, Neha Sali and Shivam Jaiswal from Final Year B. Pharm guided by Dr. Dr Santosh Gandhi and Mr. Rahul Padalkar participated in State level Pharma Quiz Competition Gen-X organized at Sitabai Tithe College of Pharmacy, Shirur on February 01, 2020. Their team won first prize at the competition along with a Trophy, medals and cash prize of Rs. 5000/- .



6. Ms. Chaudhari Shraddha from M. Pharm Quality Assurance Department won third prize at International Conference on Recent Trends in Chemometrics held at Sheraton Grand, Pune



organized by School of Pharmacy, MIT-WPU were guided by Mr. Rahul Padalkar, with the support of Principal Dr. Ashwini Madgulkar.



7. As every year our college participated in the State level Pharma Quiz and Young Pharma Innovative Project Presentation (YPIPA) Competition arranged by Saraswati Vidya Bhawan's College of Pharmacy, Dombivli on 6<sup>th</sup> February 2020. The team consisting of Atharva Kulkarni and Samruddhi Kelkar bagged the first prize in the State level pharma quiz after competing for almost a day full of interesting rounds and brain storming. They were awarded with a certificate and a prize money of Rs. 10,000. This was the consecutive fourth victory of our college in this quiz. The team consisting of Shivani Godbole and Anish Panwalkar presented a working model at the YPIPA competition. Both teams received a participation certificate for the same. Both teams



8. Congratulation!!! S. Y. B. Pharm. students Ms. Bhairavi Bakhle, Ms. Kshitija Abhang and Mr. Ayush Khater of AISSMS College of Pharmacy won the second cash prize of Rs. 5000/- and trophy at 5<sup>th</sup> METRXPLORE 2020 (UG Research Conference) held at MET Bhujbal Knowledge City's Institute of Pharmacy, Nashik on 8<sup>th</sup> February 2020. The students are guided by Mrs. K. D. Asgaonkar and Mrs. Shital M. Patil. Guides won the cash prize of Rs. 3000/- and the trophy. College received the appreciation trophy.



9. Indian Pharmaceutical Association – Education Division (IPA-ED) on behalf of IPA along with technical partner Pharmainspire conducted the IPA National Pharma Quiz Competitions 2019-20. Two teams comprising of Final Year B.Pharm and T.Y. B.Pharm students from our college participated in the Quiz Competition under the coordination of Dr. M. C. Damle and Mrs. K.D Asgaonkar. Our college our Team 1 comprised of Ms. Shivani Godbole, Mr. Gaurav Mahajan and Ms Shital Ranaware and Team 2 comprised of Mr Atharva Kulkarni Ms Brinda Nadar, Ms Samruddhi Kelkar and participated in the Quiz Competition. The National

*When you see the world through serene eyes, you generate peace wherever you go.*

Pharma Quiz Competitions was conducted in 3 Maharashtra by the Cabinet minister Shri Girish Bapat. The first preliminary round (online) was conducted on 1st February, 2020. They were selected for the semifinal round (online) conducted on 7<sup>th</sup> Feb 2020. Both the teams were invited for the final round at Vignan Institute of Pharmaceutical Technology, Visakhapatnam, Andhra Pradesh on 27<sup>th</sup> Feb 2020. Team 1 was ranked **second** among the final 10 teams and has won a cash prize of Rs. 10,000/-, certificate of merit. Team 2 was ranked **fourth** and has won a cash prize of Rs. 2500/- and certificate of merit. College has received two trophies. This was the fourth consecutive year where AISSMS College of Pharmacy has been the winner of IPA quiz competition. Heartiest Congratulations to our students!!! We thank Management and Principal for their constant support and guidance.



11. Mr. Gangadhar Kedar and Mr. Naresh Choudhary students of M. Pharmacy has participated and presented a research paper entitled “Colostrum: A Promising catalyser for Nutrition, Freeing Future Generations from Malnutrition” in 4<sup>th</sup> Sanjivani Aviskar competition at Sanjivani College of Pharmaceutical Education and Research Institute Kopergaon on 15 March 2020.



10. **“Silambam”**: Pranish Gaikwad student of First Year B Pharm has been awarded as a best team player and team manager of Silambam which is known as Indian martial arts. He was felicitated on 10<sup>th</sup> of March by Pune's Mayor Shri Murlidhar Mohal. He has achieved two times National Gold medalist In Silambam and 5 times state medalist. In 2019 he was awarded as best player overall. The Aviskar competition was at National Level and Innovative Idea competition for budding scientist and the students has presented research paper under postgraduate category. The research paper has awarded with second prize of cash of Rs. 10,000/-. The research work was presented under the guidance of Dr. Sachin V. Tembhurne of Pharmacology department.

*By learning to love and treasure myself, I will become that much better able to deeply love and treasure someone else*



12. AISSMS organized an intra-college competition 'AISSMS DIVA 2020' for female teachers and students on the occasion of International Women's Day 2020. The event was conducted over a span of 3 days and consisted of three rounds for each candidate. The first round was 'Master Minds', a GK quiz, followed by 'Speak Your Mind', an oratory competition. The last round, called 'The X Factor' allowed candidates to showcase their talents onstage. The judging panel included Dr. Ashwini Madgulkar, Principal of AISSMS College of Pharmacy; Dr. Sonali Jadhav, Principal of AISSMS College of Hotel Management and Technology, amongst others. On 6<sup>th</sup> March 2020, the event concluded with the award ceremony, with the finalists being selected through online

voting. Bhairavi Bakhle and Maitreyee Upadhye, students of second year B.Pharm bagged the prizes of first and second runner up, respectively, in the student category. It was an enjoyable and impressive occasion, with the motto of celebrating womanhood.



## STAFF ACHIEVEMENTS



1. **Dr. Mangesh Bhalekar**, Professor, Department of Pharmaceutics received "BEST TEACHER AWARD" 2019-2020 on University Foundation Day of Savitribai Phule Pune University, on 10<sup>th</sup> February 2020.



for beginners" under Swayam between 27<sup>th</sup> Jan. 2020 to 21 Feb 2020.

3. **Dr. Santosh V. Gandhi**, Professor, Department of Pharmaceutical Chemistry; Dr. Padmanabh B. Deshpande, Asst. Professor, Department of Pharmaceutical Chemistry; and Mr. Pradeep P. Sonwane, Asst. Professor, Department of Pharmacognosy have Successfully completed eight weeks course (MOOC) FDP on "Transforming Teaching Learning Process Through Modern Pedagogical Techniques" organized by Department of Pharmacy, Government Polytechnique, Jalgaon as a part of UKIERI AICTE project between 10/01/2020 to 05/03/2020.

2. **Dr. Monica RP Rao**, Associate Professor, Department of Pharmaceutics completed a four-week AICTE approved FDP in "Patent drafting

*If you've set goals and you want to achieve them, you have to think positively<sup>15</sup> and achieving those goals will be a lot easier.*

## COLLEGE ACHIEVEMENTS



- 1. AVISHKAR 2019-2020:** Total 05 team entries from UG level, 11 entries from PG level and 01 entry from post PG level (PhD) from AISSMS College of Pharmacy were selected for District Level (Level 2) round of avishkar 2019-2020 (Interuniversity research competition) by Savitribai Phule Pune University. From this UG – 03 (Bakhle Bhairavi Dhananjay, Khater Ayush Mukesh, Panwalkar Anish Ketan), PG – 01 (Kedar Gangadhar Sheshrao) and PhD - 01 (Tejinder Kaur Marwaha) were selected for University Level (Level 3) and 01 entry of Panwalkar Anish Ketan and Ashutosh Mahamuni finally went to Interuniversity Level; which was further selected for Anveshan 2019-20 (Interstate Competition) .
- 2. Campus Interview:** Sanofi Pharmaceuticals, Goa conducted campus interview on 03.02.2020 for M Pharm students and Final Y B Pharm students. The session started by introduction of the guests and a presentation about the company by Ms Namrata Velingkar HR Manager. This was followed by technical test and shortlisted students based on the company's criteria were taken for second round which involved personal interviews.



Total 01 B Pharm student and 04 M Pharm students were selected for various job profiles. Selected students are Omkar More, Pooja Kalaskar, Rucha Munot, Nitin Thombre, Pradnya Shirude. The interviews were coordinated by Dr. Monica RP Rao, (Incharge), Mr. Rahul R Padalkar, Mr. Gitendra Gajbe (Members), Training and Placement Cell under the guidance of Dr. Ashwini R Madgulkar, Principal.

- 3. AISSMS College of Pharmacy** has got grant sanction by All India Council for Technical Education (AICTE), New Delhi for Skill and Personality Development Program Center for SC/ST students. Total Grant –in-aid approved is Rs. 6,23,300/- to be utilized over the duration of 03 years. Amount of Rs. 3,11,650/- has been released in the academic year 2019-20 as a first installment.



*Success is inevitable if you keep moving. The only thing that matters is that you keep going. The only way to truly fail at a marathon is to stop taking the next step.*



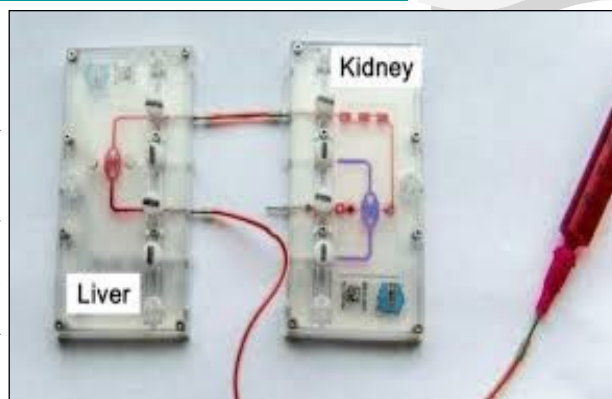
4. Students of Final Year B. Pharm appeared for Graduate Pharmacy Aptitude Test (GPAT) and Common Management Admission Test (CMAT) on January 28, 2020. Also, different students appeared for various competitive and aptitude exams like GRE, IELTS, etc.

Name of Student	Exam	Score
Atharva Kulkarni	GPAT	275
Laxmi Chaudhari	GPAT	210
Saurabh Rohom	GPAT	209
Ashwini Deokar	GPAT	208
Brinda Nadar	GPAT	186
Shital Ranvare	GPAT	185
Nikhil Potdar	GPAT	180
Mayuri Pansare	GPAT	178
Priyanka Gawali	GPAT	168
Aarti Ombase	GPAT	155
Rushikesh Shinde	GPAT	150
Bhagyashree Patil	GPAT	140
Kiran Honkalas	GPAT	130
Akash Yadav	CMAT	42 percentile
Ria Keskar	IELTS	7.5
Saurabh Rohom	GRE	305

### DID YOU KNOW: 3D ORGAN-ON-CHIP CAN NOW REPLACE ANIMAL TESTING!



An **organ-on-a-chip** (OOC) is a multi-channel 3-D chip that mimics the activities, mechanics and physiological response of entire organs and organ systems, like it is a type of artificial organ. It is fabricated using microfluidic technology either by photolithography or softlithography techniques and contains micro channels with living human cells lined on the chips made from different polymers and are in size of a memory card. The bioinks which can be customised to create tissue constructs containing multiple cell types in forms of barriers, protein structures, vascularised tissues and external force is applied to mimic the response.



In-vivo testing has given real time analysis over in-vitro of the drug interactions and kinetics within a body and hence we are using animals which have similar body functions to humans. But it seems a tedious, costly and complex process beginning from the selection of right animal for testing to its sample collection and interpretation of results which may show error due to physiological differences in similar group of animals. Hence the chips are preferable as they are

- reusable
- can be printed on chips in desired dimensions and functions
- quick results and less manual interference
- Integration of the two technologies presents a promising direction for high-throughput drug validation

*Everyone has the potential to live a fulfilling life. The difference lies in how we look at things.*

The different types of chips such as Human-on-chip, liver-on-chip, heart-on-chip, skin-on-chip kidney-on-chip, placenta on chip and lungs-on-chip are available commercially.

And more newer advances like the 4D printing which gives the actual representation of the organ has been developed and shall come into practice very soon,

The cost for one chip is although 25, 000/- but it proves

beneficial by saving the cost of animals their dosing and habitation, testing, documentation is electronically interpreted and the lesser equipments required for experimentation thus showing us a promising future for in-vitro testing.



## SCOPE OF PHARMACY-PHARMACOVIGILANCE



Pharmacovigilance, in layman's terms is drug safety. It can be defined as the study and prevention of adverse effects caused by pharmaceutical products. Pharmacovigilance is the reason that many drugs are withdrawn from or not even brought into the market at times. Training in pharmacovigilance is done by an expert international and national faculty with years of experience in the practical and theoretical aspects.

### Pharmacovigilance courses:

A certificate course in Pharmacovigilance and Pharmacoepidemiology is conducted by Symogen, a KPO, and can be obtained in 4 months. The fee for this course can cost Rs.50,000 to Rs. 80,000 depending on where you enrol.

The post graduate diploma programme in Pharmacovigilance is conducted by the Institute of Clinical Research, India. It is a one-year course that costs Rs. 1.3 lakhs.

Training in pharmacovigilance is done by an expert international and national faculty with years of experience in the practical and theoretical aspects.

You may be eligible for a course in pharmacovigilance, if you are any one of the following:

- Graduate in Pharmacy and Bio-Sciences
- Medical Professional i.e Doctor of all disciplines
- Graduate in pharmacy and bio-sciences
- Junior professional in Pharmaceutical industry, IT Industry and Clinical Research Organisations.

### ♦ Eligibility Criteria: -

In order to pursue a career in pharmacovigilance, the minimum eligibility criteria to apply for the course is:

- A postgraduate or graduate degree in Bioscience/Life Sciences (with any of the following subjects: Botany, Zoology, Biochemistry, Microbiology, Genetics, Biotech) with at least 50% marks in aggregate
- A postgraduate or graduate degree with Chemistry as a subject with at least 50% marks in aggregate
- A postgraduate or graduate degree in Pharmacy or Pharmaceutical Sciences
- A postgraduate or graduate degree in Medicine

*In the business world, you might remember leaders who inspired you to develop your own skills and possibly to take chances*



The selection process is based on merit. Admission is granted only to students who have cleared a written examination and a personal interview.

♦ **Salary :-**

A job holder in this field can easily get the starting salary of Rs.3.5 - Rs.8 lakhs per annum. As more recognition is given to drug safety all over the world, jobs in India in this field are increasing in number.

**SCIENTIFIC CONTENTS: PHARMACY INDUSTRY– TORRENT PHARMA**



Torrent Pharma, the flagship Company of Torrent Group is one of the leading pharma companies of the Country. The Company was a pioneer in initiating the concept of niche marketing in India and today is ranked amongst the leaders in therapeutic segment of cardiovascular (CV), central nervous system (CNS), gastro-intestinal (GI) and women healthcare (WHC). The Company also has significant presence in diabetology, pain management, gynaecology, oncology and anti-infective segments.

Torrent Pharma's competitive advantage stems from the world-class manufacturing facilities, advanced R & D capabilities, extensive domestic network and a widespread global presence in over 40 countries.

The acquisition of Elder Pharma's Indian branded business in 2013, Dermaceutical business of Zyg Pharma in 2015, API plant of Glochem Industries in 2016, women healthcare brands from Novartis and Unichem's Indian branded business along with its Sikkim Plant in 2017 strengthened Torrent Pharma's position in the Indian Pharma market.

Torrent Pharma started international acquisitions in 2005 with 90 year old Heumann from Pfizer to enter the German market. Later on purchased ANDA of Monocycline from Ranbaxy for the US Market in 2015.

In January 2018, Torrent also acquired Bio-Pharm, Inc. (BPI) a generic pharmaceuticals and OTC Company, based in Levittown Pennsylvania, USA, which also included a US FDA registered manufacturing facility.

Torrent Pharma is committed towards “not just healthcare but lifecare.”

**Core Values**

These strong pillars, the Core Values, which Torrent believes in and constantly strives to build, are:

- Integrity,

*Whenever you see a successful business, someone once made a courageous decision.*

- Passion for Excellence,
- Participative Decision Making,
- Concern for Society & Environment,
- Fairness with Care and Transparency.

### **Indian Bussiness:**

Right from pioneering niche marketing in India to earning the sobriquet of 'The Company with the Most First Launches,' Torrent Pharma has established itself as a major player in the Indian Pharma arena. We have well segregated marketing divisions, strategically structured on specific therapeutic areas and enjoys dominance in therapeutic segment of cardiovascular (CV), central nervous system (CNS), gastro-intestinal (GI) and women healthcare (WHC). Our vast field force of around 6200 personnel cater to 1.70 Lakh Doctors across the country. Torrent Pharma has a strong domestic presence in India with modern manufacturing facilities and cutting edge R & D Center. Revenues in India was 3234 Cr. in 2018 – 2019. Torrent Pharma reaches the target market segments through 23 sales divisions with a wide customer coverage through 5000+ stockists and 59000 retailers serviced through 22 distribution centres across India. With Unichem's domestic business acquisition, Torrent has entered the list of top pharma firms in the Indian Pharma Market (IPM) and is ranked No 7 in the IMS.

### **PATENTS**

Innovations at Torrent have resulted in filing of 912 patents for New Drug Delivery Technologies and New Drug Discovery programs as well as innovative processes of API & formulations for various geographies and 361 patents have been granted so far.

### **COLLABORATIONS**

We leverage the scientific ecosystem of the country through mutually beneficial collaborative partnerships. Some of the academic collaborators are IIT, Gandhinagar, BITS, Hyderabad, SICART, Vallabh Vidyanagar.

### **Contact Details:**

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## LEADING EDGE



**Miss. Lakshmi Ananthanarayanan**  
Independent Market Research Consultant

### 1. Could you kindly provide glimpse of your organization? What role do you play in the organization?

Currently, I work independently in the field of market research. Sector agnostic. This means I do market research projects across various sectors pharma, healthcare, financial services, social research, etc. I work directly with clients (end user), consulting firms, and research agencies.

#### My role:

It is varied and depends with whom I work.

When directly working with clients, I have to take care of the research project start to end. Which means proposal making to execution of the research project till the final presentation of results.

When I work with consulting houses / research agencies then it could be moderation, project management, analysis, report writing. In parts or all together. In market research terminology, moderation means conducting interviews, group discussions, panels.

### 2. Could you brief us about your educational details? Both school life and University life.

B. Pharm Sci. from Prin. K.M. Kundanani College of Pharmacy, Mumbai (KMKCP, Mumbai) MMS - Master of Management Sciences (with specialisation in Marketing) from Vivekanand Education Society Institute of Management Studies & Research, Mumbai (VESIMSR, Mumbai) SSC and HSC – Maharashtra state board – from Thane district, Mumbai

### 3. How did you break into the field you are in today?

Initially post B. Pharm graduation I worked in the pharma industry in QC/QA department for 6 months or so and then in the same company got promoted in Formulation development/R&D department. Furthermore, I worked with another company again in Formulation department for close to a year. After 3 years of working in pharma industry, I wanted to explore further. Thus, joined Management

*It is life's principle and you have to accept it as it comes; nothing happens when nothing is done.*

college by giving the entrance test, group discussion and personal interview. I went for a full-time post-graduation as only that was feasible for me at that point. There are part-time management courses too however logistically it wasn't possible for me with work, home and college at another place. It was a big decision then to quit job and going back for studies. Nonetheless no regrets. During my management course, since I had very good experience of 3 years, I was very clear what I wanted to do further as a job. Post 2 years of management education, I went for market research. It was a campus placement that I got through. I did apply for product management as well however market research felt interesting to me. Thus, as soon as I got the offer letter, I accepted it.

I have been specifically in market research for close to two decades now. Out of which I worked almost 12 years with the same company where I began my market research career. Then worked briefly with another company for a year. Now it's been 6 to 6.5 years that I am working independently. The company I joined post my management was a boutique consulting outfit which worked across all sectors – financial services, FMCG, social research and when I joined developed pharma and healthcare research too. Still continue in the same field.

I have taught at few management colleges (graduate as well as post-graduate management colleges) to introduce the practicality of market research subject which is part of their course.

#### **4. What are the most interesting and/or current developments in your field?**

Technology has been used well in our field for conducting surveys. Earlier we have mainly pen and paper methods. Now there are various method through which we collect data. CATI, CAPI, Mobile surveys, etc. I have conducted research using these tools. Even for analysis, there are softwares which help in analysing and projecting the data the way we want.

#### **5. Given the current circumstances, what do you feel about pursuing higher studies in the Healthcare field in a foreign country i.e. USA, Canada etc?**

Personally, I never planned to pursue higher studies in foreign countries. From hearsay and friends' or colleagues' experiences, these markets have various opportunities and universities where students can look forward to do higher studies. It will be better if someone who has experienced the same can comment further on this.

#### **6. What kind of opportunities does the Indian market promise as compared to foreign markets e.g North America/Europe?**

Personally, I don't have any experience working in the North America/Europe. Although I have worked with clients across various countries. I have friends working in the US and Canada who are into Data analytics, Market research, etc.

Opportunities in India that I am aware of are into:

- ♦ QC/QA
- ♦ Production/Manufacturing
- ♦ Formulation development /R&D

*Being confident with what you do drives you to achieve your goals, work at your best and overcome any challenges that come your way.*



- ♦ Sales
- ♦ Marketing/Product executive (domestic/ international markets) -needs sales experience initially
- ♦ Market Research
- ♦ Clinical Research/Analytics
- ♦ Regulatory processes for e.g. Imports/Exports documentation, etc.
- ♦ Logistics services
- ♦ Medical coding (text into numbers)/ Medical transcription (voice to text)

I have seen my colleagues with 5 years of experience have gone abroad for further work experience in the space of market research. Experience gained here did help them with opportunities abroad.

**7. Do you believe it is a good time to start up on your own- here in India? Or do you suggest the job security of a conventional 9-5 job?**

Yes, it is good to start up on your own in India however some initial organizational experience helps.

**8. What do you see lacking in young recruits today? What improvements would you suggest?**

Mostly from my experience, I have seen young recruits looking for desk jobs, avoiding field work. Thus, missing out on the opportunities further like marketing/product management/market research. A young recruit should appear interviews with an open mind and be eager to learn and explore. Only then one will understand their skills and can better themselves for further opportunities. Discipline, sincerity and good communication skills are must.

**9. We would love to hear what you think about the Pharmacy course in India. Kindly express your views.**

I am not in touch with the current syllabus of Pharmacy course and unable to comment on it.

**10. What is your message to young graduates/postgraduates in Pharmacy ...**

Do explore the various areas/opportunities before shortlisting. They should interact with seniors, industry people and understand better.

**11. Is there anything else you would like to share with us?**

Nothing much! Thanks for the opportunity to share!



## How to wash your hands properly



**1** Wet your hands



**2** Liquid soap



**3** Lather and scrub - 20 sec



**4** Rinse - 10 sec



**5** Dry your hands



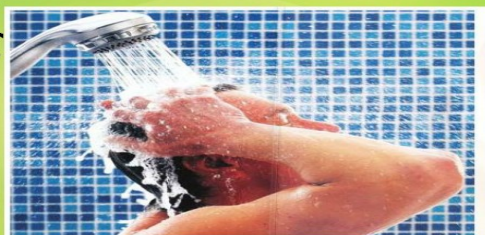
**6** Turn off tap

**DON'T FORGET TO WASH:**

- between your fingers
- under your nails
- the tops of your hands



ALWAYS  
BE  
HYGIENIC



safety is

**A CHOICE  
YOU MAKE**