



PHARMAVOICE

College Newsletter...

VOL 4 ISSUE 2

OCT - DEC 2018

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

“Surrender to what is.
Let go of what was.
And have faith in what will be. “

-Sonia Ricotti

This reminds me, we are almost there at the end of a spectacular year, and it has indeed been one for our college. As we are nearing to the end of this year we must pledge to let go of hate, enviousness, grudges so to take over the future with hope, positivity, joviality and believe in our conscience and this is what everyone here at AISSMS COPIans swear by each day.

With this message we are glad to inform that our college had a NAAC inspection for the first time and has been accredited with “A” grade which was the outgrowth of tireless efforts and perseverance from each of the member of COP family.

To add to this jubilation our students have achieved remarkable success at the “NATIONAL PHARMACY WEEK” (NPW) by bagging the UG overall Championship trophy with a runner-up in PG category bringing the laurel to AISSMS family consecutively for third time.

Let’s all of us with this enthusiasm and zeal look forward to many more of such proud and astonishing moments in the coming year and

wishing you all a marvellous year ahead!

Happy reading,

TEAM PHARMAVOICE.



TEAM PHARMAVOICE

(Sitting From L to R)

Ms. Sayali Sheth (M. Pharm. I year)

Dr. Santosh Gandhi (Faculty Member)

Dr. Ashwini R. Madgulkar (Principal)

Mrs. Shital Patil (Faculty Member)

Ms. Nishigandha Yadav (M. Pharm. II year)

(Standing From L to R)

Ms. Kshitija Abhang (B. Pharm. I Year)

Mr. Samruddhi Pande(B. Pharm. II Year)

Mr. Saurabh Rohom (B. Pharm. III Year)

Mr. Vaibhav Ghegade (B. Pharm. IV Year)

NEWS & EVENTS

1.Sports Week: To inculcate a habit of sportsmanship and importance of discipline and punctuality and also to improve working in a team and learn to handle tricky situations thereby building up decision making ability sport event arranged every year. This helps students not only to keep their physic fit but also makes their minds strong. Committee members are selected from every class.



Mediocrity knows nothing higher than itself but talent instantly recognizes genius.

Sports Committee 2018-2019

SN	Designation	volunteers
1	Sports Secretary	Pravin Nagargoje Vishakha Shevale
2	Treasurer	Gauri Ingle
3	Indoor Incharge	Anand Navale Tejaswini Kale
4	Outdoor Incharge	Hrushikesh Sambare Parnavi Ghormode
5	Kit Incharge	Sanket Dhepe Kaustubh Godbole Prakash Parihar
6	Attendance Committee	Ravina Malunjar Ashutosh Kshirsagar Poonam Patil
7	Display and Documentation	Saurabh Jadhav Nimishaj Panse Shradha Jadhav Seema Bande Shridevi Thore Prakash Parihar
8	Discipline Committee	Vijaya Gawari Nikita Khandre Dhanashree Khakale Pranoti Bharti Pramod Patil Dhanshree Rajput Vimla Chaudhari Roshani Pardeshi Hrushikesh Sambhare Madhura Avchat



Growth itself contains the germ of happiness.

SN	Events	Teacher Incharge	Student Coordinator
1.	Cricket		
	Boys	Dr. Mithun Bandivadekar	Rahul Landage
	Girls	Mrs. A.N. Avalaskar	Parnavi Ghormode
2.	Volley Ball	Dr. M.R. Bhalekar	Atharva Khaladkar
3.	Throw Ball	Mrs. S.H.Rao	Vishakha Shewale
4.	Basket Ball	Dr. S.V.Bhandari	Adarsh Ingale
			Mrunali Nandanwar
5.	Carrom	Dr. S. V. Gandhi	Mayank Bansal
			Snehal Salunke
6.	Badminton	Mr. Pradeep Sonawane	Vaibhav Ghegade
		Mrs. Rucha Kulkarni	Gauri Ingole
7.	Handwriting	Mrs. K. D. Asgaonkar	Dipak Supe Supriya Shinde
8.	Collage	Mrs. V.N.Wable	Nazneen Pathan Gaurav Suryawanshi Rima Ubale
9.	Rangoli	Mrs. S.U. Kolhe	Pooja Sonawane Rutuja Shinde Smruti Shinde
10.	Flower Arrangement	Mrs. K.D.Asgaonkar	Sonu Doijad Nikita Tapkir
11.	Arm Wrestling	Mrs. R.N. Mirajkar	Mangesh Golande Dhanashree Khakale
12.	Mehandi	Mrs. S.M.Patil	Shrushti Upasani LalitKasar
13.	Table Tennis	Mrs. S.H.Rao	Atharva Gaidhani Shruti Mhamane
14.	Tug of war	Dr. S.V. Tembhurne	Siddhant Bhalariao Dnyanada Bathe
15.	Foot Ball	Mr. J.W.Gajbe	Atharva Mulay



WINNER LIST: - INDOOR EVENTS

SN	NAME OF EVENT	WINNER	RUNNER UP
1	BADMINTON GIRLS [SINGLES]	Mrunmai Mankar (First Yr)	Shruti Karad (Second Yr)
2	BADMINTON BOYS [SINGLES]	Atharva Khaladkar (Final Yr)	Kirtiraj Pawar (First Yr)
3	BADMINTON GIRLS [DOUBLES]	Ruchita Takawale , Saloni Kirad (First Yr)	Ria Keskar , Priyanka Gawali (Third Yr)
4	BADMINTON BOYS [DOUBLES]	Pravin Nagargoje , Atharva Khaladkar (Final Yr)	SajidSande , Atharva Kulkarni (Third Yr)
5	BADMINTON MIXED DOUBLES	Vinay Rathod , Aditi Misar (Third Yr)	PravinNagargoje , Mrunali Nandanwar (Final Yr)
6	HANDWRITING [ENGLISH]	Mrunali Nandanwar(Final Yr)	Kshitija Abhang (First Yr)
7	HANDWRITING [MARATHI]	Priyanka Shelke(M.Pharm)	Saurabh Jadhav(Final Yr)
8	MEHENDI	Dhanashree Khakale(Final Yr)	Shruti Khandave(Third Yr)
9	CHESS BOYS	Atharva Mulay(Final Yr)	Rushikesh Shinde(Third Yr)
10	CHESS GIRLS	Madhura Avchat(Final Yr)	Akshata Jadhav (First Yr)
11	TABLE TENNIS BOYS [SINGLE]	Shubham Naikwadi (Second Yr)	Anantha Krishnan (First Yr)
12	TABLE TENNIS BOYS [DOUBLES]	Shubham Naikwadi, Ayush Thole (Second Yr)	Atharva Gaidhani, Hrushikesh Sambare (Final Yr)
13	ARM WRESTLING [GIRLS]	Kajal Kabra (M.Pharm)	Shital Ranvare (Third Yr)
14	ARM WRESTLING [BOYS]	Atharva Gaidhani (Final Yr)	Kirtiraj Pawar (First Yr)
15	CARROM GIRLS [SINGLE]	Jyoti Galande(M.Pharm)	(Final Yr)
16	CARROM BOYS [SINGLE]	VinayRathod (ThirdYr)	AmanAgarwal (Second Yr)
17	CARROM GIRLS [DOUBLES]	ShitalRanavare, AnkitaBulani (Third Yr)	Nikita Khandre, RoshaniPardeshi (Final Yr)
18	CARROM BOYS [DOUBLES]	Vinay Rathod, Om Nagras (Third Yr)	Pravin Nagargoje, Lalit Kasar (Final Yr)
19	CARROM MIXED DOUBLES	VinayRathod, AnkitaBulani (Third Yr)	Aman Agarwal,Anjali Ahir (Second Yr)
20	RANGOLI	THIRD YEAR	FINAL YEAR
21	FLOWER ARRANGEMENT	FIRST YEAR	THIRD YEAR

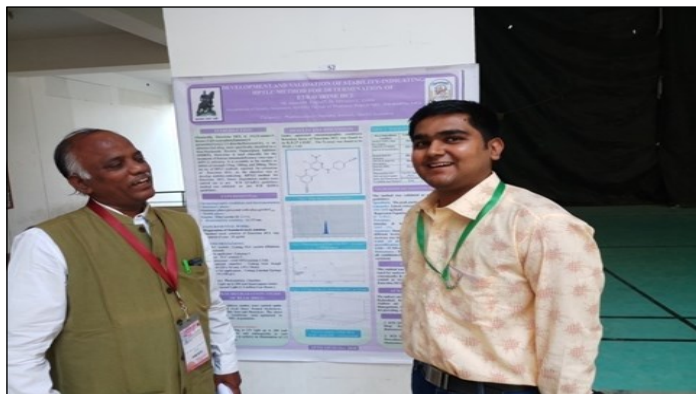


If you want to live a happy life, tie it to a goal. Not to people or things.

OUTDOOR EVENT WINNERS -

SN	EVENT	WINNER	RUNNER UP
1	CRICKET- (BOYS)	FINAL YEAR	M.PHARM
	(GIRLS)	THIRD YEAR	SECOND YEAR
2	BASKET BALL-(BOYS)	FINAL YEAR	THIRD YEAR
	(GIRLS)	M.PHARM	THIRD YEAR
3	THROWBALL	THIRD YEAR	FINAL YEAR
4	VOLLEYBALL	M.PHARM	THIRD YEAR
5	FOOTBALL	FINAL YEAR	FIRST YEAR
6	TUG OF WAR-(BOYS)	FINAL YEAR	SECOND YEAR
	(GIRLS)	THIRD YEAR	FINAL YEAR
7	ATHLETICS-100M BOYS	Omkar Gaikwad (Second Yr)	Pravin Nagaroje (Final Yr)
8	ATHLETICS-100M GIRLS	Mrunal More(Final Yr)	Jyoti Galande(M.Pharm)
9	ATHLETICS-200M BOYS	Omkar Gaikwad (Second Yr)	Nishant Kolhe (Third Yr)
10	ATHLETICS-200M GIRLS	Vishakha Shewale(Final Yr)	Laxmi Chaudhari(Third Yr)
11.	RELAY (BOYS)	(First Year)	(Final year)
		RiddheshKharche	Hrushikesh Sambare
		Anantha Krishnan	Atharva Mulay
		Preet Saidane	Vaibhav Gheghde
		Sachin Mehta	Akshay Pable
	(GIRLS)	(SECOND YEAR)	(THIRD YEAR)
		Megha Kadam	Shruti Khandave
		Anjali Ahir	Shital Ranavare
		Tejal Kawade	Aditi Misar
		Samruddhi Kelkar	Laxmi Chaudhari

<p>2.PARTICIPATION AT NATIONAL CONFERENCE - Mr. Anand Singhal, a student of M.Pharm. (QA) Sem-III, participated in a national conference 23rd APTICON 2018 during 5th -6th October 2018 at Jaipur. He presented his research work titled “Development & Validation of Stability-Indicating HPTLC Method for Etravirine HCl” at this conference. He was guided by Dr. Mrinalini Damle.</p>	<p>3.EVS FIELD TRIP- EVS Field Work is a part of Second Year B. Pharm curriculum. According to that EVS field trip was arranged for B. Pharm second year (Sem III) students on 07/10/2018 (Sunday) at Shivneri fort, Lenyadri accompanied by 3 staff members viz., Mr. Jitendra Gajbe, Mrs. Vidya Wable and Mrs. Swati Kolhe. Shivneri fort is one of the famous forts of Maharashtra.</p>
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Until you cross the bridge of your insecurities, you can't begin to explore your possibilities.

It is also the birth place of the famous Maratha king Chhatrapati Shivaji Maharaj. Shivneri fort is located at Junnar village which is around 100 Km. from pune city in Maharashtra state. Chhatrapati Shivaji Maharaj was born on Shivneri fort and spent all the childhood days in this fort. He was actually trained with all the skills in this fort itself. We can see the statues of Shivaji Maharaj with his mother, Jijabai. The boundary wall of Shivneri fort is built in such a way that the enemies cannot enter into the fort. There are seven strong gates through which we need to cross to reach the fort. Some of the attractive places in and around Shivneri Fort are badami talao, Goddessshivai temple, Lenyadri caves, water springs, Shivaji Maharaj Janmasthan. The students gained a through exposure to different ecosystems, plants species and their uses.



Students were explained extinction of leopards in India and also existence of Rehabilitation centre for leopards. Students also studied about Land eco-system, Hill ecosystem etc. Inclusion of Environmental Studies in the curriculum helps students to understand their responsibilities toward the nature and measures to prevent its destruction. Documenting the nature of an eco-system gives us deeper appreciation of its value to mankind. This helped students to understand and created awareness about environment and helped in bringing desire to conserve natural resources among them. Students are required to prepare a field report.

4. VACHAN PRERNA DIWAS: Government of India has decided to celebrate 15th October as ‘**Vachan Prerna Diwas**’ to mark birth anniversary of visionary spirit and former President of India, late Dr. A.P.J. Abdul Kalam. We celebrated the day on 15th October 2018 and this year our college had decided to give books (Motivational, Story books etc.) by well known authors as a reward to one student from each class of B. Pharm & M. Pharm. ‘**Library Best User Award 2017-2018**’, selected on the basis of ‘**Books issue – return**’ data through the library software. These awards were given to the following students: - Ms. Kawade Tejal of F. Y .B. Pharm, Ms.Pansare Mayuri of S.Y. B. Pharm, Mr. Pable Akshay of T. Y. B. Pharm, Mr. Sonaikar Rushikesh of Final Year B. Pharm, Mr. Sanklecha Akshay of F. Y. M. Pharm, Ms. Kadam Manali of S. Y.B. Pharm. The conduct of the programme was done by our students Mr. Shubham Naikwade of Second Year B.Pharm and Ms. Aarti Ombase of Third Year B.Pharm who also gave speeches on the occasion. Librarian Mrs. Shobha Jadhav also expressed her views on the celebration of **Vachan Prerna Diwas**. College had also organized ‘**Exhibition of Miscellaneous Books**’ by **Mehta Publishing House, Pune** which also got a tremendous response. In all, the celebration was a huge success.



Have courage to follow your heart and intuition. They some how know what you truly want to become.

5. One Day State Level Research Presentation Competition “SYNAPSE 2018”: All India Shri Shivaji Memorial Society’s College of Pharmacy had successfully organized **One Day State Level Research Presentation Competition “SYNAPSE 2018” on 16th October 2018**. More than 100 delegates, i.e. Under-graduate and Post graduate students from various institutions in Maharashtra State attended and participated in the Research Presentation Competition. The inauguration ceremony commenced with lighting of lamp by referees at this competition, Dr. Ratnakar Mehendre, Director, Research & Development, SRS Life Sciences, Dr. S. S. Pisal, Director, Research & Development, Serum Institute (I) Ltd., Pune, Dr. Akshay Charegaonkar, Director, M/s. Anchrom, Mumbai, Mr. Sunil Korde, Manager, Quality Control, Serum Institute (I) Ltd., Pune, Dr. Amit Kandhare, Manager, Scientific Affairs, Indus Biotech Pvt. Ltd., Pune, Ms. Ashwini Sathaye, a Pharma consultant, Shri Malojiraje Chhatrapati, Honorary Secretary, AISSM Society and Shri Nikhil Khanse, Chairman, College Development Committee expressed their best wishes for this Research competition. The Convener and Principal of the college Dr. Ashwini R. Madgulkar welcomed the resource persons and delegates. The “Synapse 2018 Abstracts Book” was released by judges at this competition. All the delegates also got an opportunity to listen to interesting session on “Communication Skills” by Mr. Manoj Vanjari, Director, Fantabeans Learning Solutions, Pune. During the scientific sessions, students from 65 teams delivered their research presentations in front of the evaluators. In the valedictory session, the best presenters of oral presentations from UG and PG category were awarded with cash prizes, mementos and certificate. AISSMS College of Pharmacy, Pune bagged first and second prize from UG category. The best oral presentation with first prize and second prize from PG category was won by Vivekananda Education Society’s College of Pharmacy, Chembur, Mumbai and Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri,



Pune, respectively. The research guides of these teams were also given cash prize. All the participants were given participation certificates.



6. NATIONAL UNITY DAY-Rashtriya Ekta Diwas or National Unity Day was celebrated on 31st October 2018 to commemorate the 143rd birth anniversary of Sardar Vallabhbhai Patel who played a great role in unifying the country. He is also known as **The Iron Man of India and the architect of Independent India**, as he united all diverse 562 princely states to build the one great Republic of India.

National Unity Day is celebrated to remember his contribution and spread the importance of unity students. Students and staff of the college gathered early in the morning to take the Pledge of Unity. With the pledge, everyone decided to dedicate for preserving the unity, integrity and security of the nation. Students delivered speeches to recall contribution of Sardar Patel in freedom battle and unifying India. The college paid tribute to the great leader of all times. The Program of co-ordinated by National Service Scheme unit of the college under the guidance of Program Officer Mr. Rahul R. Padalkar, Dr. Sachin V. Tembhurne and Principal Dr. Ashwini R. Madgulkar.



7. PEER LECTURES FOR FACULTY: To improvise knowledge and promote interdisciplinary research peer lectures were arranged on different topic for the staff members.

The session was conducted during 26/10/2018 to 01/11/2018. The schedule was as follows :

Sr. No	Date	Name	Topic Name
1	26/10/2018	Dr. M. C. Damle	Bioanalytical Method Development and Validation
2	29/10/2018	Dr. S. V. Tembhurne	Preclinical Screening
3	30/10/2018	Dr. M. M. Bandiwadekar	Solubility Enhancement
4	31/10/2018	Mrs. K. D. Asgaonkar	Patent Search
5	01/12/2018	Mrs. A. N. Avalaskar	Standardization of Crude Drugs

8. BLOOD DONATION CAMP-The Regional Blood Bank-Sasoon Hospital and B J Medical College had organized a ceremony to felicitate organizers of blood donation camp on 3rd October 2018. The ceremony was presided by Dr. Ajay Chandanwali, I/c Dean, B J Medical College. President of Rotary Club Pune was the chief guest. Importance of blood donation and contribution of various organizers was elaborated through various speeches. Dr. Shashikant Bhandari, Advisor APGA and Mr. Rahul Padalkar, Program Officer NSS represented the college at the ceremony. The college received a memento and certificate of appreciation for organizing blood bank.

APGA and NSS unit jointly organize blood donation camp every year in college. The overall activity received special guidance from Principal Dr. Ashwini Madgulkar.



9. INDUSTRIAL VISIT- As a part of TY B Pharm practical syllabus, an industrial visit of the students was organized at the plant of Nulife Pharmaceuticals Ltd at MIDC, Pimpri on 14th Nov. 2018. 64 students participated in the visit.

During the visit students visited various sections like granulation, tablet compression, capsules filling,

semisolids, oral liquids, quality control etc. They learnt various processes and documentations. We received special co-operation from Ms. Nirvi Gandhi and Mr. Chetan Gend of Nulife Pharmaceuticals Ltd for this visit. Mr. Rahul R Padalkar, Ms. Swati U Kolhe, Mr. Vidya N Wable and Mr. Pradeep P Sonawane from the teaching staff accompanied the students for the visit.



The visit was co-ordinated by Dr. Monica RP Rao and Mr. Rahul R. Padalkar under the guidance of Dr. Ashwini R. Madgulkar.

10. WORLD AIDS DAY 2018 was celebrated by students of Third year B.Pharm under the guidance of their class teacher Dr. Trupti S. Chitre on 1st December 2018. This year an HIV patient was helped by giving the Rs.1000/- as donation. This donation was done through an NGO called "Nayee Udaan", Pune. The In charge of "Nayee Udaan" Mrs Babita Sanas collected the donation amount in the presence of students of Third year B.Pharm, class teacher and Principal Dr. Ashwini Madgulkar.



Principal Dr. Ashwini Madgulkar, Staff along with Students and NGO Mrs Babita Sanas on the occasion of WORLD AIDS DAY 1st December 2018

11. TRAINING ON HPLC- A hands on training on HPLC operation was held for M. Pharm Pharmaceutics students on 3rd Dec. 2018 Mr. Ashish Jaiswal service engineer, Agilent Technology conducted the training. It was a very good learning opportunity for the students. Dr. Mithun Bandiwadekar organized and executed the activity.



12. PERSONALITY-DEVELOPMENT

WORKSHOP: The Training and Placement Cell of the college had organized a 30h personality development workshop for 41 students of M Pharm (3rd Sem) from 3rd December to 7th December 2018 by Mahendra Pride School, Pune which undertakes such programs as part of their corporate social responsibility. The trainer was Ms. Christina Paul. The sessions focused on presentation skills, communication skills, body language, grooming, official email writing, telephonic interviews, group discussions and mock interviews. Additional topics included in the workshop were financial planning and gender sensitization.



The workshop involved number of activities as well as theoretical teaching sessions making the sessions very interesting and fun-filled besides being informative. The trainer was very experienced and developed a good rapport with the students.

13. श्री शिवाजी प्रिपरेटरी मिलीटरी स्कुल एम्प्लॉइज को-ऑप क्रेडिट सोसायटीच्या वतीने शनिवार व रविवार दि. ८,९ डिसेंबर २०१८ रोजी सभासदांच्या क्रिकेट स्पर्धेचे आयोजन करण्यात आले होते. या स्पर्धेचे उद्घाटन आॅल इंडीया श्री शिवाजी मेमोरिअल सोसायटीचे मानद सचिव मा.मालोजीराजे छत्रपती यांच्या हस्ते झाले. स्पर्धेमध्ये संस्थेच्या विविध शाखांचे नऊ संघ सहभागी झाले होते. स्पर्धेचा अंतिम सामना पाॅलीटेक्नीक संघ विरुद्ध प्रायमरी स्कूल संयुक्त संघ यांच्या दरम्यान झाला. मागील वर्षी प्रमाणे या वर्षीही पाॅलीटेक्नीकचा संघाने (१५ ओव्हर १४७ रन) विजेतेपद पटकावले व प्रायमरी स्कूल संयुक्त संघाला (१५ ओव्हर १३२ रन) उपविजेतेपदावर समाधान मानावे लागले. स्पर्धा अत्यंत खेळीमेळीच्या वातावरणात पार पाडली.

14. 70th Indian Pharmaceutical Conference - Mr. Anand Singhal, a student of M.Pharm (QA), working under guidance of Dr. Mrinalini Damle, attended 70th IPC at Amity University in Dec. 2018. He presented a poster titled "Nootropic activity of Spinach leaves"



15. Guest Lectures at Our College - The Guest lecture committee headed by Dr. Monica RP Rao with Mrs. R. U. Kulkarni and Mr. J. W. Gajbe as members, organized the following lectures for B Pharm and M Pharm students:

The aim of education is the knowledge, not of facts, but of values. William S. 10 Burroughs

Speaker	Organization	Topic	Date
Mr. Manoj Vanjari	Director, Fantabeans Learning Solutions	Communication Skills	16.10.18
Mr. Machhindra Bochare	Founder, Academy of NIPER Aspirants	Guidance for GPAT and NIPER	15.11.18
Mr. Jagannath Konnur	Pharma Consultant	Quality concerns	27.11.18



Mr. Machhindra Bochare guiding students for GPAT

STUDENTS' ACHIEVEMENTS



AVISHKAR 2018-19: Total ten entries were uploaded online on Avishkar portal of Savitribai Phule Pune University Website. After screening by the experts' four projects (Entry 01-04) made place for next level round held at Dr. D. Y. Patil College of Arts, Science and Commerce, Akurdi.

Sr. No.	Category (UG/PG/Post PG/Ph.D.)	Name of Students	Title of Project	Name of Guide
1	UG	Nazneen Pathan, Prerana Salunke, Snehal Salunke, Nikita Tapkir	Eco-Friendly Sanitary Napkins	Prof. Rahul Padalkar
2	UG	Akshay Punamiya, Laxmi Chaudhari	Formulation and Evaluation of Herbal Hair Cream	Prof. A.N. Avalaskar
3	PG	Shagufta Shaikh, Sumedh Pradhan, Pradnya Shirude, Tejal Gangwal	Prochlorperazine Maleate Buccal Patch : Novel Treatment to Emesis	Dr. M. R. Bhalekar
4	PG	Dhavale Kalyani, Amale Sushant	Formulation and Evaluation of Sustained Release Intra-Articular Injection of Tramadol Hydrochloride	Prof. Reshma Mirajkar Dr. Ashwini Madgulkar
5	PG	Swapnil Todkar	Onion Peels As Nutritional Supplement	Dr. M. C. Damle
6	PG	Nishigandha Yadav, Mrunal Vaidya, Mayur Kale	Assessment of Cognitive Enhancer Activity of Hydroalcoholic Sesbania Sesban on MSG Induced Excitotoxicity in Experimental Rats	Dr. Swati Kolhe
7	PG	Rasika S. Mulik	Synthesis of Novel Anticancer Agents	Dr. T. S. Chitre
8	PG	Shubhangi G. Kumbhar	Synthesis of Novel Antitubercular Agents	Prof. K. D. Asgoankar
9	PG	Yogesh Rewachandani, Vishal Raskar, Tejaswini Jagtap	Formulation of Lipid Nanoparticles for CD4 Receptor Targeting in Rheumatoid Arthritis	Dr. M. R. Bhalekar
10	Post PG/Ph.D.	Tejandar Kaur	Computer Aided Design of Novel Mucoadhesive Polymer	Dr. Ashwini Madgulkar

With god all things are possible

COLLEGE ACHIEVEMENTS



1. AISSMS College of Pharmacy won the General Championship Trophy under the category of UG and Runner up Trophy under the PG category for National Pharmacy Week celebration competitions organised by Indian Pharmaceutical Association (IPA).



INSERT: UG STUDENTS, PRINCIPAL DR. ASHWINI R. MADGULKAR, DR. SHASHIKANT V. BHANDARI RECEIVING OVERALL CHAMPIONSHIP WINNER'S TROPHY AND CERTIFICATE FROM SHRI. MAHESH ZAGADE EX-COMMISSIONER, FDA PUNE-IAS OFFICER AND THE PRESIDENT-NATIONAL OF IPA DR. T.V. NARAYANA



INSERT: PG STUDENTS, PRINCIPAL DR. ASHWINI R. MADGULKAR, DR. SHASHIKANT V. BHANDARI RECEIVING OVERALL CHAMPIONSHIP RUNNER-UP TROPHY AND CERTIFICATE FROM SHRI. MAHESH ZAGADE EX-COMMISSIONER, FDA PUNE-IAS OFFICER AND THE PRESIDENT-NATIONAL OF IPA DR. T.V. NARAYANA

Institute Ranking in NPW 2018-Degree

Sr. No.	Name Of College	Total Points
1	AISSMS COP, Kenedi Road, Pune	550
2	BVDU Poona College of Pharmacy, Pune	250
3	D.Y. Patil COP, Pimpri	250
4	MCE's Allana COP, Azam Campus, Pune	250
5	Sinhagad IOP, Narhe	200
6	Maharashtra Institute of Pharmacy, Pune	200
7	Indira COP, Tathawade	200
8	Rasiklal M. Dhariwal COP, Chinchwad	150
9	Marathwada Mitra Mandal's COP, Thergaon	100
10	Alard COP, Hinjewadi	100
11	D.Y. Patil COP, Akurdi	50
12	MCP (Ladies) Moshi	50
13	Shankarrao Ursal COP, Kharadi	50
14	RISPM IOP, Dudulgaon	50

Institute Ranking in NPW 2018-PG

Sr. No.	Name Of College	Total Points
1	BVDU Poona College of Pharmacy, Pune	1200
2	AISSMS COP, Kenedi Road, Pune	350
3	Smt. Kashibai Navale COP, Kondhwa	250
4	D.Y. Patil COP, Akurdi	150
5	Sinhagad IOP, Narhe	150
6	Marathwada Mitra Mandal's COP, Kalewadi	100
7	Allana COP, Camp	100
8	Maharashtra Institute of Pharmacy, Pune	100
9	PES Modern COP, Moshi	50
10	Alard COP, Hinjewadi	50

2. AISSMS college of Pharmacy received 'A' grade for the first cycle from National assessment and accreditation council in the results announced on 2nd Nov 2018. The college had applied in the month of December 2017 and submitted SSR in Jan 2018. After passing the prequalification stage, peer team visit took place on 21st and 22nd Sept. 2018 where they verified all the systems and learning environment of the college.

There's nothing more important than our good health - that's our principal capital asset. Arlen Specter

UPCOMING EVENTS



◆ January 2019-

- Two days state level Savitribai Phule Pune University sponsored seminar on 'IN VIVO-IN VITRO STUDIES' to be held on 17th- 18th January 2019
- NSS Camp to be held in First week of January 2019
- Guest lecture is planned in last week of January 2019
- Film Screening activity is planned in Third week of January 2019
- Disaster Management lecture is scheduled in last week of January 2019

◆ February 2019-

- Educational Tour is planned in first week of February 2019
- Convocation ceremony is planned in First week of February 2019
- Industrial Visit is scheduled in Second week of February 2019
- Guest lecture is planned in last week of Feb. 2019
- Vidyarthini Arogya Prabodhan Programme is planned in Feb 2019
- Cultural days are planned in Second week of Feb

◆ March 2019-

- Women's day celebration is scheduled on 8th March 2019
- Guest lecture is planned in last week of March 2019
- Farewell party scheduled in last week of March 2019

DID YOU KNOW: HARMFUL EFFECTS OF JUNK FOOD!



Dark side of junk foods is not an unknown fact. Several research studies have shown that fast foods and processed foods have increase childhood obesity, heart disease and diabetes and other chronic disease.

Andre F. Smith definesjunk food as “those commercial products, including candy, bakery goods, ice cream, salty snacks and soft drinks, which have little or no nutritional value but do have little or non-nutritional value but do have plenty of calories, salt, and fats.

1) **It can cause memory and learning problems-**

Eating junk food for just five days regularly can deteriorate your memory.

This probably stems from the fact that a poor or toxic diet can cause certain chemical reactions that lead to inflammation in the hippocampus area of the brain which is associated with memory and special recognition.

Diets that are high in sugar and fat can suppress the activity of brain peptide called BDNF that helps with learning and memory formation.

2) **Increases the risk of dementia.**

In the case of type II diabetes, with the higher levels of insulin, the brain stops responding to this hormone and become resistant to eat.

This can restrict our ability to think, recall or create memories, thus increasing the risk of dementia.

He who has health, has hope; and he who has hope, has everything. Thomas Carlyle

3) Lessens its ability to control appetite.

Healthy brain functions require daily dose of essential fatty acids like omega 6 and omega 3.

Deficiency of these two elements increases the risk of attention deficit disorder, dementia and bipolar disorder.

4) It can cause chemical changes that can lead to depression.

In humans these withdrawal symptoms can lead to inability to deal with stress, make you feel depressed and eventually you turn back to those foods to comfort yourself and handle these feelings.

5) It makes you impatient and can cause uncontrollable cravings.

Fast food is packed with refined carbohydrates which cause blood sugar level to fluctuate rapidly.

With high contain of sugar and fats, you tend to eat too fast and to much to satisfy your cravings.



SCOPE OF PHARMACY-INDUSTRY (PHARMA PRODUCTION)



This is the branch of Pharmacy which deals with the production/manufacturing of bulk drugs and intermediates, finished products and medicines, vaccines and other biological products, veterinary medicines, ayurvedic medicines, diagnostic products and medicinal devices.

- **Posts available: Production Manager, Assistant Production Manager, General Production Manager.**

- **Eligibility:**

- * UG-Candidates should be B Pharm/ MSc degree, 1. Class 12 pass with science subjects (physics, chemistry and biology) or equivalent from recognized board or university

- * Diploma in pharmacy from recognized institution and registered as pharmacist under the pharmacy act, 1948 with 2 years experience as pharmacist in any recognized hospital or pharmacy after duly registered as pharmacist under the Pharmacy Act 1948.

Or

- * Bachelors degree in Pharmacy (B. Pharm.) from a recognized university or equivalent, registered as a pharmacist under the Pharmacy Act, 1948.

- * Candidate should also have M Pharm/M.Sc. degree from a recognized University.

- **Experience:**

Experience May differ according to the requirement of the Company but the minimum experience in production management required is 2 years.

This can even increase to the experience of minimum 10 years for higher positions in the company.

- **Preference:**

Mostly Males are preferred due to strainous timing hours.

The art of medicine consists in amusing the patient while nature cures the disease. Voltaire 14

- **Skills required:**

- o Manpower handling and skill to get work done from your downlines
 - o Presence of mind to tackle problems on production floor
 - o Problem solving attitude and providing solutions to problems of your downline
 - o Managing resources provided finding alternatives if needed
 - o Good presentation skills to represent your importance and work done by you to your seniors
 - o Ability to work hard and passion for your work
- Knowledge of your products and possible problems during manufacturing and packaging.

- **Pay scale:**

- o The minimum pay scale for fresher's is 5000-10,000 per month
- According to designation and company the pay scale may increase up to 60,000 -2 lakh/ month

SCIENTIFIC CONTENTS: PHARMACY INDUSTRY– NOVARTIS INDIA LIMITED



Novartis International AG is a Swiss multinational pharmaceutical company based in Basel, Switzerland. It is one of the largest pharmaceutical companies by both market capitalization and sales. Novartis has established a multi-functional center in Hyderabad in Telangana, in order to offshore several of its R&D, clinical development, medical writing and administrative functions. In India, the Pharmaceutical business of Novartis India Limited is focused on Bone & Pain, Calcium portfolio, Gynecology and Neurosciences and the Generics business is focused on Gynecology, Anti-TB and Anti-infectives.

Novartis was created in 1996 from the merger of Ciba-Geigy and Sandoz Laboratories, both Swiss companies with long histories. Ciba-Geigy was formed in 1970 by the merger of J. R. Geigy Ltd (founded in Basel in 1758) and CIBA (founded in Basel in 1859). Combining the histories of the merger partners, the company's effective history spans 250 years.

Company Purpose & Vision

As per Novartis website – “Our purpose is to reimagine medicine to improve and extend people’s lives. Our vision is to be a trusted leader in changing the practice of medicine.”

Organization: Novartis's businesses are divided into three operating divisions:

- Pharmaceuticals
- Alcon (eye care)
- Sandoz (generics)

The Novartis Institutes for BioMedical Research (NIBR): NIBR is the innovation engine of Novartis and focuses on discovering new drugs that can change the practice of medicine.

Board of Directors

The Board of Directors of Novartis India Limited consists of:

- Chairman: Mr. Christopher Snook
- Vice-Chairman & Managing Director: Mr. Milan Paleja

Independent Directors:

- Mr. Jai Hiremath
- Dr. Rajendra Nath Mehrotra

A good teacher can inspire hope, ignite the imagination, and instill a love of learning. Brad Henry

- Ms Sandra Martyres
- Whole time Director: Ms. Monaz Noble

Product Range:

In India, the Pharmaceutical business of Novartis India Limited is focused on Bone & Pain, Calcium portfolio, Gynecology and Neurosciences and the Generics business is focused on Gynecology, Anti-TB and Anti-infectives.

Some of their products include:

- *Autoinflammatory and Autoimmune Disease*: Ilaris
- Hypertension Amturnide, Diovan, Exforge, Lotrel
- *Metabolism*: Cubicin, Tyzeka / Sebivo
- *Neuroscience*: Clozaril, Comtan, Extavia, Fanapt
- *Oncology*: Exjade, Femara, Tassigna, Gleevec
- *Ophthalmology*: Lucentis
- *Respiratory*: Foradil, Xolair, TOBI, Arcapta Neohaler
- *Transplantation*: Myfortic, Simulect, Neoral, Zortress
- *Virology/ Anti-infectives*: Cubicin, Tyzeka

Contact Details:

Registered Office

1. Novartis India Limited

Inspire BKC, 'G' Block
6 & 7 Floor, BKC Main Road,
Bandra (E) Mumbai 400051

General Enquiries:

Tel: +91 22 50243000/Fax: +91 22 50243010

2. Novartis Healthcare Private Limited

Hyderabad Knowledge City Layout
S No 83/1, InOrbit Mall Road
Raidurg, Hyderabad 500081

General Enquiries:

Tel: +91 40 6758 1000/Fax: +91 40 6758 1001

3. Sandoz Private Limited

MIDC Plot No: 8-A/2, 8-B, TTC Industrial Area,
Kalwe Block, Village Digha,
Opp Thane Belapur Road, Navi Mumbai – 400 708

General Enquiries:

Tel: +91 22 61529700/Fax: +91 22 61529777

4. Sandoz Private Limited – Manufacturing Sites

a) MIDC Plot No: 8-A/2, 8-B, TTC Industrial Area,
Kalwe Block, Village Digha,
Opp Thane Belapur Road, Navi Mumbai – 400 708

General Enquiries:

Tel: +91 22 27639000/ Fax: +91 22 27639064

b) Plot No L-1

Additional Phase, MIDC Mahad

DistRaigad 402309

General Enquiries:

Tel: +91 2145 661300/Fax: +91 2145 661315

5. Alcon Laboratories (India) Private Limited

Registered office:

3rd Floor, Crescent IV
Prestige Shantiniketan,
Whitefield, Bangalore 560048

General Enquiries:

Tel: +91 80 40064600/Fax: +91 80 4006 4800

LEADING EDGE



Name: Dr. Mahesh Bhalgat
Designation: Executive Director and COO
Organization: Shantha Biotechnics – A Sanofi Company

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

Shantha Biotechnics, part of French-pharma major Sanofi, is into manufacturing of critical life-saving paediatric vaccines. Today, all the four vaccines that are manufactured by Shantha are approved by Indian Health Authorities, and are pre-qualified by the World Health Organization (WHO). Currently we have approvals in more than 100 developing countries where we can supply our vaccines. The company has two manufacturing units located just outside Hyderabad, Telangana. A new-state-of-the-art green field facility for formulation, filling and packaging of the diabetes products of Sanofi is also being constructed. As the Executive Director and Chief Operating Officer (COO) of the company I am responsible for the timely production of our high quality vaccines in compliance with the highest safety and quality standards. The position is both challenging and fulfilling since it involves the quick consistent and efficient execution of complex biotech processes in compliance with evolving regulations while ensuring supply using cold-chain logistics.

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

As a kid growing up in Mumbai, I had the privilege of studying in a covenant school, Fatima High School. The school had just entered into a record of 100% passing rate in SSC, which at the time was quite unique and hence gave us, “Fatima-ites” an additional sense of pride. After studying Junior college, I knew I wanted to pursue a field where I could accomplish two objectives: Contribute to making a difference to lives of people and study abroad. This narrowed down my options to Pharmacy, since at the time for a doctor to go abroad was not as easy. I did Pharmacy at BCP in Mumbai and started applying for graduate studies in the US. Although I applied for a Masters, the University of Utah in Salt Lake City, UT, offered me admission with full scholarship in their Ph.D. program in the department of Medicinal Chemistry and till date I am glad I accepted the offer. Given the chance to do lab rotations, before identifying a guide to work with, I explored labs doing, nucleic acid synthesis, Mass Spec, RNA work and antibody conjugates. I chose to work with Dr. Jeanette Roberts in the area of monoclonal antibody drug conjugates and have ever since been in the fields related to biotechnology, one of hottest therapies in pharmaceuticals today.

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

Having studied biomolecules from my Ph.D. curriculum itself, staying in biotechnology was easy. However, within biotechnology, I transitioned within many different areas including, agricultural biotechnology (GM foods), Biotherapeutics (Mabs and proteins), Vaccines and in the area of reagent development to support research activities. A principle I have always applied when it comes to making the transition is to accept the challenge to learn and recognize that if you don’t step out of your comfort zone your growth will stagnate and the world will move past you.

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

The pharma industry has evolved just as any other industry. It all started with traditional pharmaceutical companies who evolved to establish the biotech wave which later progressed to bio-pharma or DNA based therapies. Today we see even cell based (stem cell based) therapies that are evolving which has started the trend for personalized medicine. This type of treatment moves away from the concept of one-size-fits all approach to treatment. In personalized medicine, treatment is based on new approaches which are customized to better manage the patients' health and targets therapies to achieve best results in management of the disease or pre-disposition to disease.

Another major breakthrough is the use of 3D technology or additive manufacturing. This technology was applied and used by many different industries, even in the medical industry imaging technology like x-ray, CT scans, MRI and ultrasound were used to produce digital models. But as time evolved it led to use of 3D printing technology. There are four main uses of 3D printing in the medical field which are creating tissues and organoids, surgical tools, customised patient-specific surgical procedures and custom-made prosthetics.

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?

It is highly desirable to get exposure beyond the circumstances that you grew up in as it gives a whole new learning. Today we only physically live with geographical boundaries, but when it comes to communication there are no boundaries. Companies are rapidly becoming "global" and are run in many parts of the world. Having foreign exposure prepares you for that environment. Apart from classroom learning, pursuing higher education in a foreign country also helps one learn cultural aspects and gives a different perspective to decision making, prioritization and problem solving. With the limited basic research in pharmaceutical and biotech products that happens in India, foreign exposure is the best way to fill that gap.

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

Today in India we are very uniquely placed as we are a nation with a growing working population as opposed to other advanced countries where the demographics is skewed towards senior citizens. Therefore with the availability of talent comes the opportunity for entrepreneurship which in turn paves the way for well paid jobs, which in-turn leads to increased spending and demand for quality and high-value products. Earlier this year a study predicted that by 2030 India is likely to become one of the world's largest economies. So what does that mean? The amount of consumption is going to rise tremendously. It will also mean that companies will shift focus of designing or making products specifically for the Indian market and release it first here and then later in other developed nations. This would mean that the talent that is in India will have even better job opportunities. We could even see the growth of research activities in India, something that the pharma sector would directly benefit from.

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?

If you look at the current scenario there are lot of opportunities for start-ups. If one has an idea then he or she has lot of avenues to go and polish and nurture his or her idea. When it comes to funding too, there are lot of sources of funding and investments available to support new ideas and innovations which was not the case few years ago. This is the reason why you see so many young graduates willing to take that risk to start something on their own instead of sticking to the conventional 9-5 job. With globalization, access to world markets, talent and investments have become increasingly smooth and entrepreneurs need to take advantage of this dynamic.

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

With the advent of the digital era and the world of instant (where we can find information with the click of a button or get pizza with a few clicks on the phone), it is alarming how we are getting tuned to rapid gratification. This has led to a clear decline in managing patience and I find that specifically true in young recruits. Without fully understanding or mastering an area, newbies feel the need to move on and jump from one job to another. While this can prepare one to be jack of all trades and master of none, in reality it is better to focus on building your CV through accomplishments as against just "knowing" things.

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

Flying is learning how to throw yourself at the ground and miss. Douglas Adams

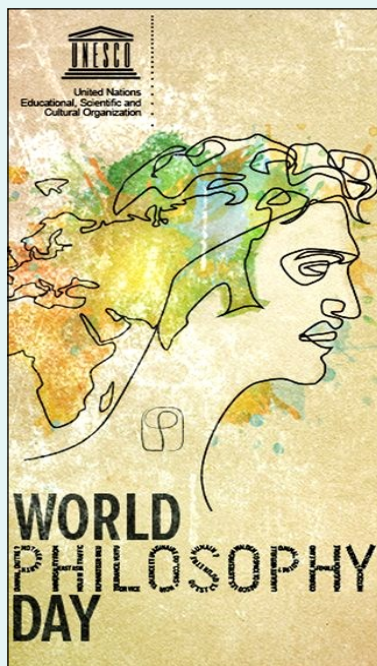
Let us talk about the graduates from Pharmacy colleges in India. Today we see that these graduates routinely span at least three continents in pursuit of higher education. This is because, generally speaking, pharmacy courses in India have a good reputation. Graduates that accept offers to join international universities perform well and are successful. However, some of the newer colleges need to invest to improve facilities, train and retain well qualified staff and catch up on the standards of more established institutions. The newer institutions should also maintain focus on student practical training, which means the number of labs should increase and students need to be encouraged to do more internships in different settings along the way.

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

To the young graduates or post graduates who are looking for career progression, I would say, if you like your first position, stick around till you have some significant accomplishments. It is important to build a growth trajectory and a record of accomplishments versus of a record of job hopping. For those of you with the entrepreneurial drive, work to seek experience in industry, but don't wait for too long. You will not have the same risk appetite at all stages of your life and hence you need to strike the right balance and take the plunge at any moment in time. Take pride in being part of a very interdisciplinary program where every day when you finish your work, you can look back and say, I worked on saving or improving lives today.



*It is the supreme art of the teacher to awaken joy in creative expression and knowledge. Albert Einstein*¹⁹



“Ignorance leads to
fear, fear leads to
hate, and hate leads
to violence. This is
the equation.”

Averroes

