



**GURUNANAK COLLEGE OF PHARMACY**  
**NAGPUR**

# INDOCTRINATE



## IQAC NEWSLETTER - 22

16 JUN, 2022

(16 JUNE 2021-15 JUNE 2022)

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(B. Pharm IV Yr)

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**• TECHNICAL ARTICLE •****Technology & Pharmaceutical industry****Arpan Gupta | B. Pharm 4th year**

The pharmaceutical industry has seen a rapid rise in past few years. The global pharmaceutical market which was initially valued 390 billion USD in 2001, saw an exponential growth and was valued at 1.42 trillion USD in the year 2021. The industry is expected to grow to a value of 1.5 trillion USD by 2023.

Technological advancements have been used in many ways in the field of pharmaceuticals. It has helped in data management, blockchain management, drug discovery, etc. Newer technologies like Artificial Intelligence (AI), Biochemical product development, IOT integration, 3D printing, digital pharmacies, automated dispensing cabinets (ADC) and medication therapy management among others have exponentially helped in revolutionizing the industry. One of the most upcoming inventions in this sector has been the use of Artificial intelligence (AI). AI refers to systems or machines that mimic human intelligence to perform tasks and can iteratively improve themselves based on the information they collect. In pharma industry AI can prove to be helpful in drug screening, drug design, polypharmacology, drug repurposing, product development, drug synergism & antagonism prediction, diagnosis, research & development, quality assurance, manufacturing as well as other clinical applications. In pharma companies, approximately 13.8% drugs are successful in passing clinical trials & they have to pay 161 million to 2 billion USD for a drug to get through complete process of clinical trials & FDA approvals (according to MIT study).

These are the two main reasons that companies are adopting AI to improve success rates of new drugs. AI is also implemented in manufacturing process to improve productivity, efficiency, quality management & for process automation etc.

Another technological advancement that has gained momentum in the recent years is that of robotics. It is the branch of technology that deals with the design, construction, operation & application of robots. Robots are useful in packaging, filling, inspection etc in manufacturing process. Advantage of robotics in this industry is that workers can be saved from hazardous environments due to different chemical use, reducing training overhead, eliminating human error, increasing repeatability and reproducibility, and in cleanrooms, removing the potential for human contamination.

Another advantage of robotics is reduction of downtime i.e. robot can run 24 hours-a-day and does not need to take breaks unlike humans that work in shifts and have multiple breaks. Other utilities of robotics can be - Pick-and-place, closing bottles, machine tending etc. The compound annual growth rate (CAGR) of worldwide market for pharmaceutical robotics is 13.2% from 2016 to 2021.

The pharmaceutical industry is evolving for the better at many levels & new technological advancements will play a major role in shaping the future of pharma industry.

## **E-Pharmacies at Finger Tips**

**Alwin Kalambe | B Pharm 4<sup>th</sup> year**

Today, India is witnessing sudden movement of medicine market from traditional shop system to online pharmacy platforms. India has favorable atmosphere for it as it has 658 million Internet users and ranked only behind china in world. Online pharmacy market is growing 40-45% every year due to wide surge of internet, mobile phones penetration and government-led initiatives which has given it wings. India needs a far more efficient pharmacy sector. The rising chronic disease burden in urban India is also likely to expand the online pharmacy market, outdoing the retail counterparts. The heavy price concessions and a wide variety of brands offered by e-pharmacies had already begun to emerge as a potential solution to this crisis.

It has various advantages over recent traditional system as it provides variety of things to the patient's such as 24x7 service, time and money saving , easy access, affordable pricing and good communication with prescriber. It also provides options for order tracking, and comparing Prices with other platforms during making order. As everything has its two sides it also have some disadvantages as there are various issues such as health record security, selling of narcotics, chance of drug abuse, and chance of getting inferior goods. Beside it is also helping large number of people who cannot go to purchase medicines because of their incapability's like handicap people's etc. Hope all the issues which are not allowing it to reach its full potential will resolve in future time for the development of mankind.

## **Over the Counter Medicine Abuse, Role of Pharmacist in Prevention**

**Urvashi Menghani | B. Pharm 4th year**

OTC medications Over the Counter Medications consumed by patients for treatment of common ailments, without a prescription from a physician, are known as over-the-counter (OTC) or non-prescription medications.

Commonly abused medications include Antihistamine, sleep aids, caffeine, ephedrine, pseudoephedrine, antitussives and expectorants, dextromethorphan, laxatives, anabolic steroids, and sildenafil. Laxatives are abused for weight loss and high antihistamines doses are used for euphoria. Cough medicines and painkillers are most abused medications.

### **Role of pharmacist in OTC medications**

Pharmacists are the first point of contact during the purchase of OTC medications. They are required to monitor OTC medication. Many issues faced by a patient can be easily solved by pharmacists, patients have easy and free access towards seeking advice from a pharmacist, including product selection, OTC brand name confusion, appropriate product use, and when to take medications. A patient-pharmacist interaction would help patients in their decision-making process during these instances. Pharmacists can be more proactive in managing OTC medication abuse by utilizing their clinical skills, by providing oral and written medication information, and by developing trust among patients.

With this regard, a pharmacist can also provide insight into all aspects of the drug, as well as information on the safe use of OTC medications. Thus, pharmacists exercise a strong influence on OTC medication purchase and product selection.

## • ACCOLADES/ACHIEVEMENTS •

- ✓ **Dr. Nidhi Sapkal** successfully completed deputation assignment as Principal Research Coordinator at Zim Laboratories Limited for the period of two years. She successfully filed and got approval for her novel dosage form-based products in the regulated markets.

✓

### • GPAT 2022 Qualifier •

Sr. No.	Name of student	GPAT AIR
<b>B. Pharm Final Year</b>		
1	Apoorva Mirche	13
2	Sudarshan Kate	76
3	Amitesh Bobade	211
4	Steffi George	376
5	Jay Gadge	516
6	Pratik Ambekar	1044
7	Vaishnavi Dharme	2813
8	Ankita Pande	3870
9	Akshay Ramteke	11721
10	Dhanashri Pendam	13041
11	Pratibha Kodwate	19528
<b>B. Pharm Third Year</b>		
1	Pankaj Balki	1731
2	Pratiksha Tembhurkar	3005
3	Komal Mendhe	5501
4	Piyush Pachkhande	7191

### • Academic Results •

RTMNU B. Pharm Result		
Year	% Result	Topper (% Score)
B. Pharm. VIII Sem	98.59%	Sahil Wadhvani (92%)
B. Pharm. VII Sem	97.18%	Apoorva Mirche (88%)
B. Pharm. VI Sem	97.14%	Alwin Kalambe (90.53%)
B. Pharm. V Sem	100%	Achal Chandankhede (87.53%)
B. Pharm. IV Sem	95.94%	Mariya Amravatiwala (93.28%)
B. Pharm. III Sem	98.64%	Mariya Amravatiwala (94.83%)
B. Pharm. II Sem	--	--
B. Pharm. I Sem	100%	Sarpreet Kaur Multani (89.51%)
M. Pharm I	--	---
M. Pharm II	--	---

## • PLACEMENT •

Sr. No.	Name of the company	Department	Total no of students placed	CTC offered
1.	Lupin Pharma LTD. Mumbai	Business Development (Marketing)	1 B Pharm	2.5 lakh
2.	VICCO labs Limited MIDC, Nagpur	QA/QC	1 B Pharm	2.52lakh
3.	Bank of India, Nagpur	Accounts	1 B Pharm	1.5lakh
4.	Aurobindo Pharma LTD Research Centre, Hyderabad	FR & D	3 M Pharm	1.5Lakh
5.	Stallion laboratories PVT LTD, Aurangabad	QA	3 M Pharm	1.68Lakh
6.	Alembic Pharma LTD, Baroda, Ahemdabad	Production	1 M Pharm	2 Lakh
7.	Unijules Pharma LTD, Nagpur	Production & QA	1 M Pharm	1.5lakh
8.	Nagpur Collage of Pharmacy, Nagpur	Assistant Prof.	1 M Pharm	1.75Lakh



## • COURSE CONDUCTED •

### Certificate Course on Applications of computational techniques in drug design & discovery

GNCP, Nagpur has organised a one-week hands on training on "Applications of computational techniques in drug design & discovery" from 18 Oct to 23rd Oct 2021. The seminar was attended by 21 delegates includes faculty members and M. Pharm students from different institutes. Mr. Sapan Shah, Assistant professor, Priyadarshani J L College of Pharmacy, Nagpur was the Resource Person and Trainer for the workshop. During this workshop, Delegates had learned the basics of molecular docking, protein, ligands and some relevant software. In silico molecular docking was studied using Vina and Chimera Software's, in which selection of protein, ligand and their preparation for docking were performed and the binding energies were calculated. Virtual screening and Visualization techniques were studied and performed using different software with add on knowledge on ADMET properties. Hands-on training was provided to all delegates by the assessment of the delegates. After completing this program students can undertake a CADD project and prepare the molecules in the laboratory designed by them. Dr. Nidhi Sapkal, Dr. Sumit Arora and Dr. Subhash Yende were the coordinator for the program.



### Short Term Certificate Course on IPR

GNCP in association with PATHTOIP LLP, Pune organized an in house one week training program on Intellectual Property Rights (IPR) from 11 to 15 October 2021 in online mode for the students. Around 26 students registered for the event and received certificates after online assessment. Ms. Kawita Kanoje and Ms. Nidhi Agrawal, co-founders of PATHTOIP LLP, Pune were the trainers for this online workshop. The contents of the workshop included types of IPR, importance of IPR, patent structure and drafting, IP filing procedures, laws governing IP, prior art search and various case studies to give actual insights of the area. Convener of the workshop Dr. A.M. Ittadwar, Principal, GNCP and coordinators Dr. Vaishali Kilor, Dr. Nidhi Sapkal and Mrs. Shobha Ubgade took efforts for the successful conduction of this event.



### Certificate Course on "Effective Project Writing and Presentation Skills"

As a part of continuing activity of certificate courses, IQAC cell organized "Effective Project Writing and Presentation Skills" course during 21st Feb 2022 to 26th Feb 2022. The course was coordinated by Dr. G. K. Lohiya. There were 44 students participated in the course. Course was started with inauguration and briefing the objectives of course to students by Dr. N. P. Sapkal. First two days were conducted by Dr. G.K. Lohiya on the topic use of MS-Word and MS-Excel in thesis writing/ project writing. On 23rd and 24th Feb 2022, Dr. S.K. Arora gave detailed hands-on training on Mendeley, Plagiarism checker software and gave guidance on manuscript writing. Dr. N.P. Sapkal trained the participant on MS-PPT and professional e-mail communication on 25th Feb 2022. On the last day of the course Dr. S. R. Yende delivered talk on ethics in experimentation. The entire course was supported with hands on training and assignments. Certificates were distributed to all participants. Ms. Radha Kagate final year students summarized the entire course. Mr. Atharv Tithe proposed vote of thanks and course concluded with certificate distribution and Lunch.



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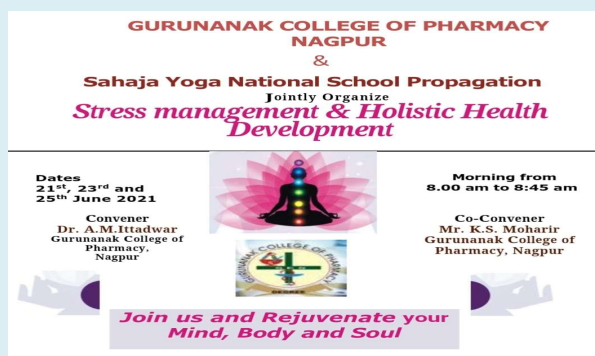




## • EVENTS ORGANIZED •

### Stress Management & Holistic Health Development Through Sahaj Yog

On the occasion of International Yog Day 2021, an online workshop on Stress management and Holistic Health Development Through Sahaj Yog was organized in collaboration with Sahaj Yog national school propagation team for college staff and students from 21<sup>st</sup> to 25<sup>th</sup> June 2021. It includes training on moral values and ethics through inner transformation that leads to improve productivity of teachers and students by enhancing concentration, retention, agility and ability at mental, emotional and physical level. Around 50 participants were there for all the three days. Sahaj Marg trainers Mrs. Sanjana and Mrs. Rashmi Umale guided through various ways of managing stress, lifestyle, meditation etc. The event was coordinated by Mr. Keshav Moharir on online zoom platform.



### World Pharmacist Day

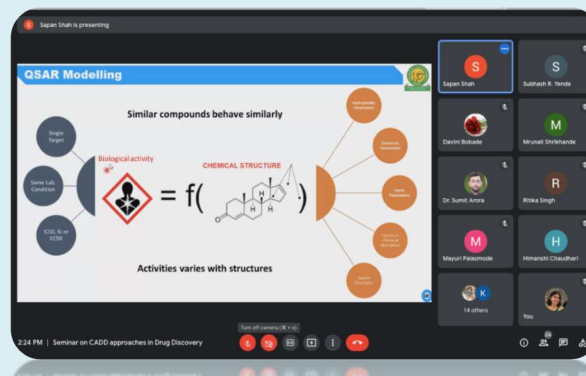
The World Pharmacist Day on 25th September 2021 was celebrated with great zeal and enthusiasm. Although in online mode, students and staff participated in events in large number. On this occasion, Dr. Girish Achaliya, Founder and MD of Gloactive Health Technology delivered guest lecture on the topic 'Entrepreneurship - various aspects to be considered by Pharmacists'. He covered areas of entrepreneurial skills required with other prerequisites. He also emphasized on rapidly changing scenario in business sectors and how to get acquainted with them. Dr. Girish also touched upon women in entrepreneurship and avenues ahead. The guest lecture was well received and appreciated by students as well as staff members. The event was coordinated by Mr. K. S. Moharir

### Winter Woolen Donation Drive 'SHARE THE WARMTH'

On 23/12/2021, Student council of college, under the guidance of Principal, Dr. A. M. Itadwar, organized the winter woolen cloth donation drive in association with Agnipankh foundation, Nagpur. There was overwhelming response for this social activity by donating blankets, caps, mufflers, sleeping mats and other winter essentials.

### Seminar on CADD approaches

Gururnanak College of Pharmacy conducted seminar on the topic, CADD approaches in Drug Discovery on 12 August 2021. The seminar was attended by faculty members and M. Pharm students. Mr. Sapan Shah, assistant professor, Priyadarshani JL College of Pharmacy was the speaker. He explained the use of various software in predicting the biological activity, pharmacokinetics and toxicity of newly designed molecules.



The computational techniques are now integral part of the drug discovery and designing, therefore the objective of the seminar was to give demonstration of the software that are used for the same. Mr. Sapan Shah is expert in the computational techniques used for energy minimization, molecular docking, ADMET, etc. He has published several research papers in the renowned journals based on these techniques. The event was coordinated by Dr. N. P. Sapkal.

### Constitution Day Celebration

On the occasion of Constitution Day, National Service Scheme (NSS) unit of Gururnanak College of Pharmacy, Nagpur conducted online 'Constitution Day' programme on 26/11/2021 at 03.00 PM. Mr. Sharad Manapure, Asst Professor, GNCP delivered talk on Constitution of India. Around 60 participants includes teaching faculty, nonteaching members and students attended the program. The programme was held by Principal Dr. A.M. Ittadwar and coordinated by Mr. V. B. Pande, Dr. S. R. Yende.



### Electoral Enrolment Camp

NSS unit of GNCP organized electoral enrollment camp in association with Nagpur Municipal Corporation, Nagpur on dated 27/11/21 at college premises. 5 NMC members, 13 students and Teaching Faculty were present during camp. Students and some nearby community people were submitted enrollment form to NMC members. Program was coordinated by Mr. V.B. Pande and Dr. S. R. Yende.





### AIDS Awareness Rally

World AIDS Day was celebrated by organizing AIDS Awareness Rally on 01/12/2021 from Gurunanak College of Pharmacy, Nagpur to Shambhu Nagar, Nagpur. The students of B. Pharm. and faculty were actively participated with cut-out of slogans on AIDS awareness and spread knowledge about the severe disease to the community of Shambhu Nagar. The event was organized by Extension Activity/Community Outreach Committee of GNCP and coordinated by Dr. S. R. Walde.



### Induction Program

GNCP, Nagpur organized an Induction Program for the newly admitted students to B. Pharm First Year and M. Pharm First Year along with those admitted directly to the Second Year. The induction program started from the 3<sup>rd</sup> January 2022 and ended on 5<sup>th</sup> January 2022. The three-day program was a successful attempt in comforting the newly admitted students. On the first day of Induction Program, all the teachers introduced themselves, gave information about various councils & committees in the college, it was followed by the information about the exam pattern and management of semester along with the credit point system. The students also introduced themselves to the teachers and their fellow classmates. Hobbies and skills were exchanged between the students and the beautiful introductory session ended with an amazing concentration game. Participation of every student was taken into consideration during the complete program. The next day, students were made aware of the 'Rules and Regulations' of the college and then they were made comfortable in the college premises. The students were taken to the Herbal Garden of the college which is maintained under the guidance of Dr. S. B. Waikar. After the small Nature trail, the students were taken to their future workplace i.e., the laboratories which included the Pharmacology Lab, Pharmaceutics Lab, Pharmacognosy Lab, Pharmaceutical inorganic Chemistry and Pharmaceutical Organic Chemistry Lab along with the Microbiology Lab. Other than the labs, students were taken to another place, the most precious area of the college i.e., the library. The Rules and Regulations of the library were made clear by the assisting teachers and then the students get acquainted with the various instruments like the muffle furnace, ultra violet viewing cabinet, laminar airflow for antiseptic transfer, Desiccator, Heating Mantle, Various Pharmacognosy Charts, Charts on Crude Drugs, Different Reagents, Mechanical Shaker, Bio-oxygen demand incubator, Electrically operated water bath, procedure of reflux extraction, Soxhlet extraction assembly, Hot air oven, Autoclave and some glass wares. The second day ended with a great voluntary participation of students with seniors on the ground for the volleyball match, throwball and tug-of-war. The third day was a very interactive one where the students were inspired by the bright and motivating words of Dr. Vivek Nanoti. After the interactive session, the students were introduced to the dress-code of the institute and the Principles and Objectives of the Institute. Overall, these three introductory days were the glimpse of the complete college and the programs organized there like the Zest and Zenith and many more. Students felt too comfortable with the staff and the seniors and are looking forward for great days in the college.



## Industrial Visit

The three-day long induction program of Gurunanak College of Pharmacy was followed by the visits to the Pharmaceutical Industries in the local Nagpur Region on 6<sup>th</sup> January 2022. Total 23 students of B. Pharm first year and 3 staff members were present during the visit. Pathak Ayurvedic Pharmacy, Kashinagar, Nagpur and Shree Baidyanath Ayurved Bhawan's Siddhayu Ayurvedic Research Foundation Private Limited, Bahadura, Umred Road, Nagpur was visited.

In Pathak Ayurvedic Pharmacy, students were made clear about the difference between the generic and proprietary formulations, also explained the importance of batch no., license no., and content information to be mentioned on the packaging of the medicines. Students explored store room, coating and colouring the tablets, Tablet compressing machine, 'Blister Packaging Machine, Container Sealing machine etc. The manager and administrator of the Lab explained us the importance and main objectives of the Pharmacy as a field in the lives of the students and for the society itself.

In Siddhayu Ayurvedic Research Foundation, students were interacted with Quality Assurance team. In that section, various machines like HPLC, LC, HPTLC, Ultra violet viewing cabinet, rotary vacuum evaporator and other modern machineries were shown. Further, they explained how the companies calculate the Expiry Dates of the products.

The industrial visits were done under the guidance of Dr. S.B. Waikar. The other staff members were Dr. M. M. Bodhankar and Mr. G. A. Guronani.





### Life Skill Workshop on "Resilience in Crisis"

GNCPC in collaboration with Heartfulness Institute conducted an online life skill enhancing workshop "Resilience in Crisis" from 31 January to 5 February 2022 for all the stakeholders of the institute. This was first of its kind event where all the connecting threads of GNCPC got a chance to dive deep into relaxation, rejuvenation, meditation, detox. A life enriching experience was obtained from highly skilled trainers from heartfulness institute. The six days workshop was attended by around 100 students and faculty members along with few parents and alumni. The event was also streamed live and all the attendees took benefit of the heartfulness practices of relaxation, cleaning and meditation along with sessions on topics like resilience in crisis, self-leadership, gratitude, compassion, relationship and aspirations. Mrs. Pooja Sidamshettiwar, Mrs. Mala Gupta, Mrs. Ritu Agarwal, Ms. Rajnandini Rathod, Mrs. Navin Gujaral and Mr. Manoj Jethwa were the heartfulness trainers who interacted with the online gathering and touched on the various life skills. Mrs. Shobha Ubgade, conducted and coordinated the workshop.

### Women's Day Celebration

Women's Day was celebrated on 8<sup>th</sup> March, 2022 in college. The guest speaker was Mr. Neeraj Malewar. He advocated women empowerment and about. Mr. Neeraj Malewar, Biomedical Engineer, Story teller, Anchor was the Guest speaker who talk on Women Empowerment and rights of women. Student Council and Dr. S. R. Walde coordinated the event.



### Training Program for the Cycle II of NAAC

A mock exercise cum training program was organized for faculty members for the Cycle II of NAAC. Prof. Pratibha Agrawal and Prof. Shilpa Pande from Laxminarayan Institute of Technology, Nagpur, conducted this exercise. During the mock exercise, the activities of IQAC were reviewed considering the cycle II of NAAC and comments were given for the improvement. After this session, a detailed training on the expectation of NAAC from each criteria was given to the IQAC team. The session was organized by Dr. Vaishali Kilor. The IQAC team thanked the resource persons for their valuable inputs and training. The session was organized on 13 March, 2022, a weekly off, considering the availability of the resource persons.





**Zest 2021-2022 (Sport Event)**

Zest 2021-22 was inaugurated by Dr. A.M. Ittadwar on 19<sup>th</sup> March 22 at 10.00 am. Students enthusiastically participated and conducted annual sports event at Gurunanak College of Pharmacy campus from 19<sup>th</sup> March 2022 to 21 March 2022. Various sports event like Cricket, Volley ball, Badminton, Table tennis, Tug of war, Chess, Carom, and Athletics were conducted.

Event	Winner/ Runner	Name of students
Cricket Boys	Winner	Vijay Wagle (c), Pratik Ambekar, Ujjwal Tekani, Prasad Narad, Abhishek Joshi, Mahesh Waghale, Siddhant Mendhe, Akshay Ramteke, Afraz Lalani, Shivam Domkundwar, Prathamesh Bhusari, Nilesh Shende, Shahbaaz Pathan, Mahendra Raut, Aman Fulwani
	Runner	Yash Sonawane, Bhavesh Rughwani, Arpan Gupta, Gyanchand Jhambia, Sahil Pardhi, Nikhil Thakur, Ajay Nagre, Gaurav Tembhurkar, Abhay Pande, Ayush Jain, Ritesh Hinge, Sanskar Sahu, Nivrutti Tank, Darshan Khapekar, Shreyash Mandavgade.
Cricket Girls	Winner	Ashwini Wasake, Priyanka Pendam, Krishna Patel, Radha Kapgate, Isha Sharma, Ankita Pande, Humeira Khan, Ayushi Choudhary, Narayani Sachdev, Vaishnavi Dharme, Samiksha Tapre, Priyanka Soni, Minal Raut, Jyoti Choudhari, Shirin Fatima
Volley Ball	Winner	Shreyash Mandavgade, Pankaj Balki, Sahil Pardhi, Gyanchand Zambia, Gaurav Tembhurnikar, Arpan Gupta, Nivrutti Tank, Bhavesh Rugwani, Shashank Parteki
	Runner	Mahesh Waghale, Siddhant Mendhe, Vijay Wagle, Pratik Ambekar, Prasad Narad, Afraz Lalani, Amitesh Bobade, Abhishek Joshi, Akshay Ramteke
Throw ball	Winner	Kalpana Tirpude, Davini Bobade, Kajal Kesare, Kajal Bhede, Prajakta Patekar, Rachna Dhokpande, Prachi Rode, Muskan Kachhawah, Adiba Khan
	Runner	Radha Kapgate, Krishna Patel, Ashwini Wasake, Esha Sharma, Ankita Pande, Priyanka Pendam, Narayani Sachdev, Vaishnavi Dharme, Meenal Raut
Tug of war Boys	Winner	Gyanchand Zambia, Alwin Kalambe, Arpan Gupta, Bhavesh Rughvani, Yash Sonawane, Mayur Sherje, Ajay Nagre, Darshan Khapekar, Ayush jain, Alkaaf Raza, Sanskar Sahu.
	Runner	Aman Fulwani, Shahbaz Pathan, Pratik Ambekar, Chirag Moryani, Atharva Thite, Pratik Russia, Shivam Domkundwar, Uzair Parekh, Anshul varyani, Sandeep Pachpor, Nilesh Shende.
Tug of war Girls	Winner	Neha Nanwani, Kiran Jain, Bhagyashri Biswas, Urvashi Meghnani, Afsha Naaz, Hina Dongre, Asema Razi, Mohini Chainani, Urvashi Kallar, Roshni Kungwani.
	Runner	Isha Sharma, Ashwini Wasake, Priyanka Pendam, Asmita Bhojar, Dhanashree Pendam, Ankita Pande, Shirin Fatima, Rashi Mundle, Krishna Patel, Minal Raut
Chess Boys	Winner	Brijesh Ahuja
	Runner	Abhijeet Shinde
Chess Girls	Winner	Kalpana Tirpude
	Runner	Isha sheikh
Carom Boys	Winner	Pranay Lokhande
	Runner	Chitanya Shende
Carom Girls	Winner	Rutuja Sonawane
	Runner	Mariya Amaravatiwala

Table tennis Boys singles	Winner	Amitesh Bobade
	Runner	Anubhav Morghade
Table tennis Boys doubles	Winner	Amitesh Bobade, Afraz Lalani
	Runner	Sarthak Ghugul, Darshan Patel
Table tennis girls singles	Winner	Kalpana Tirpude
	Runner	Rutuja Tijare
Table tennis girls doubles	Winner	Rutuja Tijare, Radha Kapgate
	Runner	Somiya Khan, Abha Ramteke
Shot put boys	Winner	Arpan Gupta
	Runner	Anil Bhalerao
Shot put girls	Winner	Adiba Khan
	Runner	Sarmishtha Jadhav
Sprint boys	Winner	Sidhant Mendhe
	Runner	Pradyut Khandelwal
Sprint girls	Winner	Mithila Bambal
	Runner	Ashwini Wasake
Badminton Boys singles	Winner	Sarthak Ghugul
	Runner	Darshan Patel
Badminton Boys doubles	Winner	Om Karnewar, Keshav Agrawal
	Runner	Sarthak Ghugul, Darshan Patel
Badminton Girls singles	Winner	Somiya Khan
	Runner	Abha Ramteke
Badminton girls Doubles	Winner	Afsha Naaz , Urvashi
	Runner	Ashwini Wasake, Minal Raut



**Zenith 2021-2022 (Cultural Events)**

Annual social gathering Zenith 2022 (cultural events) was celebrated from 22<sup>th</sup> March 2022 to 24<sup>th</sup> March 2022. Various events like best out of waste, mehendi, rangoli, singing, dance (solo, duet group), fashion show etc. were the part of Zenith. In Zest various games like cricket, throwball, volleyball, badminton, table tennis, carom, chess, tug of war etc. were organized. The function was inaugurated by Sardar Gurbax Singh Lamba, President, Sikh Education Society, Sardar Sarabjit Singh Kalsi, General Secretary and CEO, The Sikh Education Society, Dr. A. M. Ittadwar, Principal, Gurunanak College of Pharmacy, Nagpur.

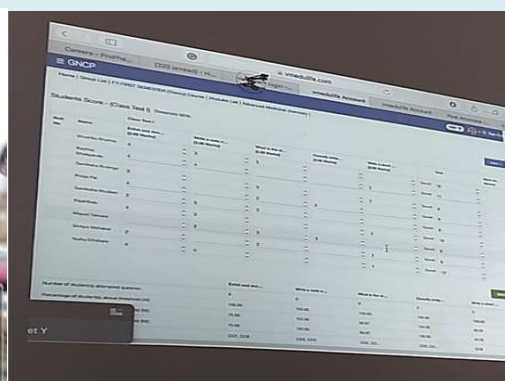
Event	Winner / Runner Up	Name of students
Singing Competition	Winner	Isha Sharma (B. Pharm 4th year)
	Runner Up	Nayan Ghodele (B. Pharm 1st year), Tanmayee Motghare (B. Pharm 2nd year)
Fashion Show Competition	Winner	B. Pharm 4th year Theme-Maratha - Prasad Narad, Jay Gadge, Asmita Bhoyar, Sahil Wadhvani, Chirag Moryani, Uzair Parekh, Dhanashree Bante, Shirin Fatima, Sandip Pachpor, Ujjawal Tekani, Amitesh Bobde, Mahesh Waghale, Mahendra Raut
	Runner Up	M. Pharm, Theme- Corona Warriors - Muskan Kachhawah, Aanchal Marbate, Megha Chavhan, Vishakha Oimbe, Sharayu Maldhure, Priyanka Pawar, Vaishnavi Nimbalkar, Roshan Ramteke, Ashwini Domle, Pallavi Rushiya, Khushbu Sharma, Kajal Bais, Samiksha Burange, Rachna Dhokpande, Pooja Pal, Ritika Singh, Roshan Ramteke.
Best out of waste	Winner	Humera Khan and Kajal Gajpure (B. Pharm 4th year)
	Runner Up	Ashwini Wasake and Krishna Patel (B. Pharm 4th year)
Debate	Winner	Atharva Thite (B. Pharm 4th year)
	Runner Up	Utsavi Vaghela (B. Pharm 1st year)
Solo Dance	Winner	Sejal Prajapati
	Runner Up	Himanshi Choudhari (M. Pharm)
Duet Dance	Winner	Steffi George & Rutuja Tijare (B. Pharm 4th year)
	Runner Up	Manish Udasi & Rutuja Sonawane (B. Pharm 3rd year)
Quiz	Winner	Abhijeet Shinde, Atharva Thite, Prasad Narad (B. Pharm 4th Year)
	Runner Up	Gitesh Kohale, Mariya Amravatiwala, Tejas Suruse (B. Pharm 2nd Yr)
Rangoli	Winner	Kashifa Parvez Noor (D. Pharm 2 <sup>nd</sup> yr)
	Runner Up	Rutuja Sonawane (B. Pharm 3rd year)
Antakshari	Winner	Vinayak Laghate & Samiksha Khapekar (B. Pharm 2nd Year)
	Runner Up	Junaid Khan & Noureen (D. Pharm 2 <sup>nd</sup> yr)
Mehendi	Winner	Samiksha khapekar (B. Pharm 2nd Year)
	Runner Up	Afsha Naaz (B. Pharm 3rd year)
Painting	Winner	Rutuja sonawane (B. Pharm 3rd year)
	Runner Up	Sakshi Giradkar (D. Pharm 1st yr)
Shot Put (Girls)	Winner	Adiba Khan (M. Pharm)
	Runner Up	Sarmishtha Jadhav (D. Pharm 2 <sup>nd</sup> yr)





**Training Program organized on "Outcome Based Education"**

A training program was organized by the IQAC on 24/03/2022 for the faculty to train them about all the available features of Vmedulife's "OBE" module. The session was conducted by Mr. Abhijeet and Ms Alka from Vmedulife. About 17 faculties attended the training program. The association between COs and POs and the methodology for the calculation of CO-PO attainment was explained. A deliberation on direct and indirect methods of assessment was also done. After the completion of this training program, faculty became aware about the use of this software module for computing CO attainment of individual students, CO attainment for the whole class and PO attainment. IQAC cell coordinated the event.





### National Voters Day Celebration

Student council & Student development cell of Gurunanak College of Pharmacy, Nagpur celebrated the National Voters Day on 25<sup>th</sup> January 2022 by organizing quiz competition. On this day a pledge is delivered to abide faith in democracy and uphold the democratic traditions of our country.

### Free Dental Check-up

Free Dental Check-up Camp was organized by Gurunanak college of Pharmacy with collaboration of Advance Dental Hospital, Sadar Nagpur on 9<sup>th</sup> May 2022 in Sardarni Paramjeet Kaur Kalsi Auditorium.



### Felicitation of Dr. Montu Patel, President, Pharmacy Council of India

Student Council, GNCP, Nagpur, and staff of GNCP felicitated Dr. Montu Patel, Newly elected President of Pharmacy Council of India on his first time arrival at Nagpur on 22<sup>nd</sup> May 2022.



### Shivaswarajya Din

Celebration of Shivaswarajya Din was organized by NSS unit of Gurunanak College of Pharmacy, Nagpur on 06/06/2022. 67 Students and 10 Faculty members were present in the programme, Dr. A.M. Ittadwar, Principal GNCP, Nagpur Chair the program and guided on Ashtapradhan madal of Shivaswarajya and Mr. Ajay Nagre, B. Pharm III<sup>rd</sup> year, gave information on Shivcharitra. Program was coordinated by Mr. V.B. Pande and Dr. S. R. Yende along with other faculty members.



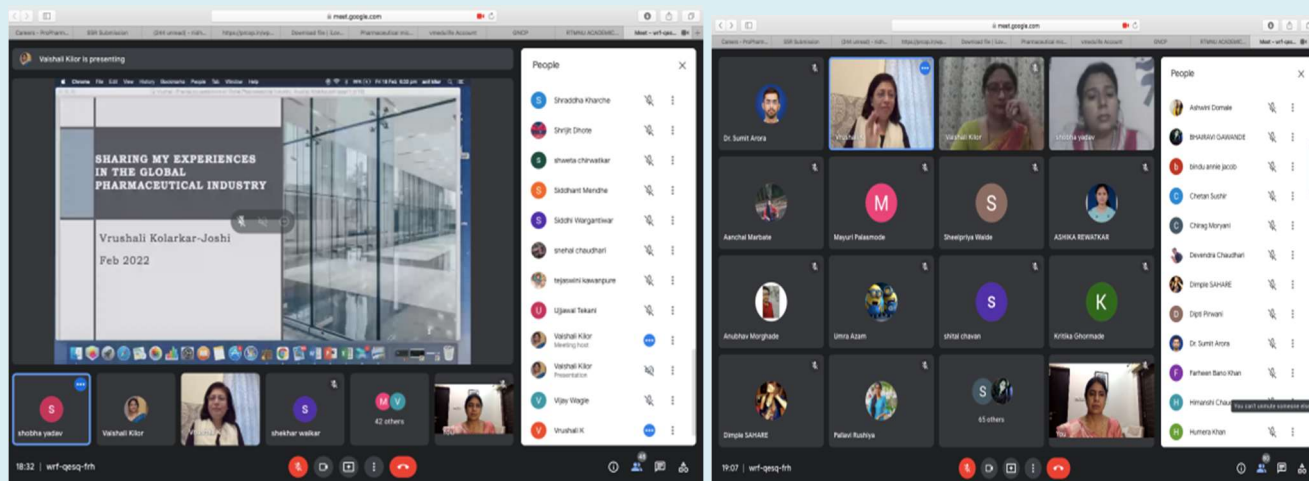
## • GUEST LECTURE ORGANIZED •

- ✓ PCOS Awareness month was celebrated in association with Cadila Pharmaceuticals Ltd. by arranging a webinar on PCOS by **Dr. Swadha Kotpalliwar** on 16 September 2021. Around 90 students and faculty members joined the event and interacted very well with the speaker. Alumnus of GNCP, Miss Deepali Prasad, Evanext division, Cadila initiated the event along with Mrs. S.A. Ubgade.
- ✓ A guest lecture on "General health condition of Adolescent" of **Dr. Shivangi Jahagirdar**, a leading gynecologist and practitioner was organized on 10/12/2021.

- ✓ An interaction of **Ms. Hema Savale** was organized with M. Pharm students on 03/02/2022. Ms Savale is senior clinical research professional having experience of over 25 years in renowned clinical research organizations like, Quintiles (Currently IQVIA), Pharmanet, Biodev. She explained role played by clinical research professional at all levels in pharmaceutical industry. She also highlighted the required knowledge that students should have in order to explore clinical research as career opportunity. The interaction was well received by the students. Dr. N. P. Sapkal coordinated the event.



- ✓ An online interactive session on the topic "Sharing Experiences in the Global Pharmaceutical Industry" by **Ms. Vrushali Kolarkar Joshi** was organized on 18 February, 2022. Ms Joshi is Head of US Product development and program management at Sandoz, USA. She has over 25 years of experience in global pharmaceutical industry. Mrs. Shobha Ubgade, conducted the session. The meeting was organized at Google meet platform. About 82 participants including students, alumni and faculty attended this interactive session. The talk was well received and participants interacted with the resource person very enthusiastically. Dr. Vaishali Kilor and Mrs. S. Ubgade coordinated the event.



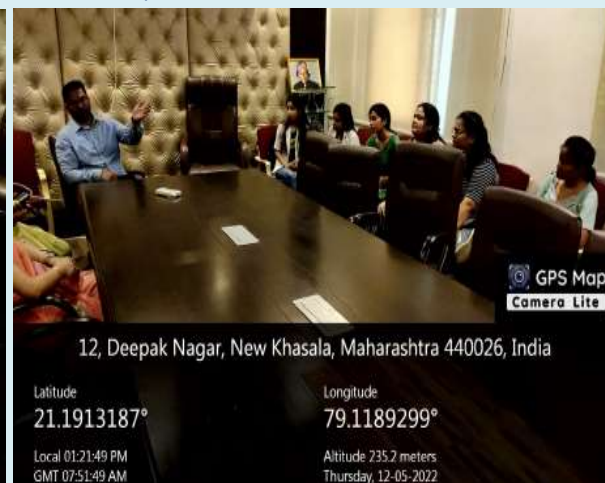
- ✓ A Public Speaking Workshop was organized by ED cell and was conducted by **Mr. Manoj Kohale** on 25/02/2022 in the Auditorium of GNCP.



- ✓ Guest lecture on the topic "Current Career Options for Pharma Graduates" was delivered by GNCP Alumnus, **Mr. Rohit Bagwe**, Senior Manager: Portfolio & Strategy, Cipla Ltd. Mumbai on 01/04/2022 for B. Pharm & M. Pharm students. The event was coordinated by Dr. Nidhi Sapkal and Mrs. S.A. Ubgade.



- ✓ An interaction and a guest lecture of **Mr. Syed Shafique-UI Hasan**, Health Canada (Regulatory Affair), CANADA and Alumnus of GNCP was organized on 12/05/2022. He has delivered talk on the topic "Scope of Pharmacy in Canada".



- ✓ Interactive session was conducted for the students of M. Pharm on the topic "Computer Aided Drug Development" on 04/06/22. **Mrs. Rama Sivasubramanian**, Clinical Development Director, Novartis Healthcare Pvt. Ltd., Hyderabad visited the campus and guided students about utility of computer-based development of drugs. The programme was coordinated by Dr. Vaishali Kilor.

- ✓ **Mr. Ashwini Sharma**, Research fellow, University of Southern Queensland, Australia and alumni of GNCP, interacted with students on 10/06/22 and shared his research experience with the students on the topic Investigation of Queensland dry rainforest endophytes and their production of antimicrobial agents. This fruitful interaction was coordinated by Dr. Nidhi Sapkal.



• RESEARCH & DEVELOPMENT ACTIVITIES •

### Book/Chapter Publication

- ✓ **Sumit K. Arora, Shobha Ubgade, Alok Ubgade.** Recent Techniques in Isolation of Nutraceuticals from Plants, in the book Nutraceutical delivery Systems, Edited by Pankaj Dangre and Debarshi kar Mahapatra, first edition 2022, Apple Academic Press. eBook ISBN 9781003189671
- ✓ **Vaishali Kilor, Nidhi Sapkal, Shobha Ubgade, Abhay Ittadwar.** Microemulsions for Improvement in Bioavailability of Potential Nutraceuticals, in the book Nutraceutical delivery Systems, Edited by Pankaj Dangre and Debarshi Kar Mahapatra, first edition 2022, Apple Academic Press, eBook ISBN 9781003189671
- ✓ **Vaishali Kilor,** Progress in nanotechnology-based targeted cancer treatment, in book, Photophysics and Nanophysics in Therapeutics, edited by Nilesh M. Mahajan, Avneet Saini, Nishikant A. Raut, Sanjay J. Dhoble, published by Elsevier, ISBN 978-0-323-89839-3.
- ✓ **Keshav S. Moharir.** Nanotherapeutic systems for drug delivery to brain tumors In Book: Photophysics and Nanophysics in Therapeutics, pp 217-238. Elsevier, 1<sup>st</sup> Edition May 2022
- ✓ **Keshav S. Moharir.** Introduction to Pharmaceuticals In Book: Handbook of Space Pharmaceuticals, pp 3-21. Springer Nature, 1<sup>st</sup> Edition May 2022
- ✓ **Keshav S. Moharir.** Biomedical applications of electrospun chitosan nanofibers In Book: Chitosan in Biomedical Applications, Pages 75-110. Academic Press by Elsevier February 2022
- ✓ **Keshav S. Moharir.** Polymeric Nanoparticle-Based Drug-Gene Delivery for Lung Cancer In Book: Handbook of Lung Targeted Drug Delivery Systems, Pages 93-107 CRC Press, Taylor & Francis Group 2021

### Research Publications

- ✓ **Mundhey, D., Sapkal, N., & Daud, A.** Fabrication of microemulsion loaded sublingual film for rapid absorption of fentanyl citrate in transient breakthrough pain. International Journal of Applied Pharmaceutics, 2021, 13(3), 233-238.
- ✓ **Sapkal, N., Daud, A., Bonde, M., Gawande, M., & Gurav, N.** Bioequivalence evaluation of orally disintegrating strips of rizatriptan in male volunteers under fasting conditions. International Journal of Applied Pharmaceutics, 2021, 13(5), 230-235.
- ✓ **Priya Dule, Vaishali Kilor, Nidhi Sapkal, Kumar Pratyush and Minal Bonde.** Inkjet printing approaches in pharmaceuticals. World Journal of Pharmacy and Pharmaceutical Sciences. Volume 10, Issue 9, 1834-1847.
- ✓ **Ayushi Jumle, Jaruti Thawre, Humera Khan, Kajal Gajpure, Pratiksha Bansod, Mitali Bodhankar.** Liquorice Anti acne Gel. European Journal of Pharmaceutical and Medical Research, 2022, 9(5), 362-366
- ✓ **Rutuja Tijare, Siddhi Wargantiwar, Steffi George, Deepali Shastri, Meenal Watkar, Davini Bobde, Mitali Bodhankar.** Formulation of tinted lip gloss from lotus flower and date seed oil. Magna Scientia Advanced Biology and Pharmacy, 2022 06(02), 001-110.
- ✓ **Subhash R. Yende, Radha Kapgate, Sumit K. Arora, Sapan K. Shah, Keshav S. Moharir, Ankit Mishra.** Ethnomedicinal and pharmacological potential of marine macroalgae for CNS disorders: An overview. Journal of Medicinal Herbs and Ethnomedicine, 2022, 8: 1-6



- ✓ **Subhash R. Yende**, Sapan K. Shah, **Sumit K. Arora**, **Keshav S. Moharir**, **Govind K. Lohiya**. In silico prediction of phytoconstituents from *Ehretia laevis* targeting TNF- $\alpha$  in arthritis. *Digital Chinese Medicine* 2021, 4(3), 180-190.
- ✓ **Keshav S. Moharir**, **Sumit K. Arora**, **Subhash R. Yende**, **Govind K. Lohiya** and Sapan K. Shah. Challenges and Progress in Vaccine Development for COVID-19 Coronavirus (SARS-CoV-2): A Review. *The Open COVID Journal*, 2021, 1, 65-76.
- ✓ **Keshav S. Moharir**. Recent trends in design and evaluation of chitosan-based colon targeted drug delivery systems: Update 2020. *Journal of Drug Delivery Science and Technology*, 2021, 64, 102579.
- ✓ **Gulshan A. Gurunani**. Synthesis and Docking studies of Novel N-piperazinyl Fluoroquinolone analogues as antibacterial/antimycobacterial agents. *Asian Journal of Medicine and Health Sciences*, 2021, 4(1).
- ✓ **Gulshan Gurunani**, Kapil Agrawal, **Sheelpriya Walde**, **Abhay Ittadwar**. Synthesis and investigation of antibacterial, antimycobacterial activity and cytotoxicity study of sparfloxacin derivatives. *International Journal of Current Research and Review*. 2022, 14(3).
- ✓ **VipinChandra B. Pande**, Saket Singh Chandel, Vishal Soni. Pharmacognostic standardization of *Azadirachta Indica* leaves, *Tinospora Cordifolia* Stem, and *Oscimum Sanctum* leaves. *Journal of the Maharaja Sayajirao University of Baroda*. 56 (1); 2022; 56-61.
- ✓ **Shobha Ubgade**, A Bapat, **V Kilor**. Effect of various stabilizers on the stability of lansoprazole nanosuspension prepared by high shear homogenization: Preliminary investigation. *J Appl Pharm Sci*, 2021;11(09):085-092.
- ✓ **Tirupati M. Rasala**, Rajesh Mujariya, Shubham Kalbande, Prachi Pahade and **Abhay M. Ittadwar**. Quality by design (QBD): application of QBD in palletisation. *European Journal of Biomedical and Pharmaceutical Sciences*. 2022, 9 (3), 220-227.

### Presentations

- ✓ **Dr. Mitali M. Bodhankar** presented research work in 5th Global conference on Pharmaceutics and Novel drug delivery systems held at Singapore.
- ✓ Ms. Mrunali Shrikhande and **Dr. Mitali Bodhankar** presented poster at the 20th International e-symposium on Advances in Technology and business potential of new drug delivery systems organized by CRS from 24th to 26th February 2022.
- ✓ Ms. Davini Bobade and Ms. Mrunali Shrikhande, **Dr. Mitali Bodhankar** presented poster at the 20th International e-symposium on Advances in Technology and business potential of new drug delivery systems organized by CRS from 24th to 26th February 2022.
- ✓ **Mr. G. A. Gurunani** presented paper entitled Synthesis and Docking studies of Novel N-piperazinyl Fluoroquinolone analogues as antibacterial/antimycobacterial agents in 3rd International Conference of Pharmacy and Health Sciences 2021 (ICPHS 2021) held at Royal College of medicine Perak, University Kuala Lumpur on 2nd and 3rd August 2021.
- ✓ **Mr. K. S. Moharir** presented paper entitled Extraction and evaluation of cellulose nanocrystals for drug delivery systems in 9th International Congress of The Society for Ethnopharmacology 2022, Held at JSS College of Pharmacy, Mysuru from 22nd to 24th April 2022.
- ✓ **Mr. K. B. Bhelkar** presented paper entitled Synthesis and evaluation of hydrogel from natural polymer in 9th International Congress of The Society for Ethnopharmacology 2022, Held at JSS College of Pharmacy, Mysuru from 22nd to 24th April 2022.
- ✓ Ms. Mrunal Deshmukh and **Dr. Govind Lohiya** presented a research work (poster) in 20th International e-Symposium Organized by CRS, Indian Local Chapter on topic "Formulation and characterization of nanocurcumine based anti-rheumatoid formulation."

- ✓ Mr. Anubhav Morghade and Dr. Govind Lohiya presented a research work (poster) in 20th International e-Symposium Organized by CRS, Indian Local Chapter on topic "Development and evaluation keratin based medicated patch for wound."
- ✓ Ms. Ritika Singh, Dr. Govind Lohiya and Mr. Keshav Moharir presented a research work (poster) in 20th International e-Symposium Organized by CRS, Indian Local Chapter on topic "Formulation and evaluation of nanocellulose based topical formulation."

### Guest Lecture Delivered/ Resource Person

- ✓ Dr. N.P. Sapkal participated in the panel discussion on the topic, "Translation of innovation into marketable products: Industry experience" organized by DSIR, government of India in Visvesvaraya National Institute of Technology on 20 June, 2022.
- ✓ Dr. M.M. Bodhankar delivered a talk and presented research work in 5th Global conference on Pharmaceutics and Novel drug delivery systems held at Singapore.
- ✓ Dr. V.A. Kilor Delivered a guest lecture in Orientation program of RTMNU Department of Lifelong Learning and Extension approved Certificate Course in Quality by Design Approach for Formulation Development at Priyadarshini J.L. College of Pharmacy, Nagpur on 02/07/2022.
- ✓ Dr. S.R. Yende delivered a Guest lecture on What after D. Pharm: Professional Guidance at Gurunanak Technical Institute (Diploma in Pharmacy), Nagpur on 22/12/2021.
- ✓ Dr. S.R. Yende participated as chairperson in one week national level online workshop held from 14/02/2022 to 18/02/2022 on the theme of Drafting Research Publication, Funding Proposal & Ethical Conduct of Research, organized by IQAC cell, RTMNU and UDPS, RTM Nagpur University, Nagpur
- ✓ Dr. S.R. Yende and Dr. G. K. Lohiya participated as Evaluator in National Level Scientific poster presentation competition held on the occasion of the National Science day on 28th Feb 2022 at S.K.B. College of Pharmacy, Kamptee.
- ✓ Dr. S. R. Yende delivered a talk on "Design of Preclinical experimentation" at GNCP organised Certificate Course on "Effective Project Writing and Presentation Skills" from 21 Feb to 26 Feb 2022.
- ✓ Dr. S. K. Arora invited as the keynote speaker at SVKM, Institute of Pharmacy, Dhule and share the name with Dr. Nazma Inamdar, Pioneer in GPAT. He delivered talk on topic Last Days Preparation Strategies for GPAT 2022 Examination on 27th March 2022.
- ✓ Dr. S. K. Arora Invited as Evaluator for Poster Session in the Science Festival organized by Priyadarshini J L Chaturvedi College of Pharmacy, Nagpur on 08th March 2022.
- ✓ Dr. S. K. Arora delivered a talk on "Effective Manuscript Writing, Mendeley Software and Plagiarism Checker" at GNCP organised Certificate Course on "Effective Project Writing and Presentation Skills" from 21 Feb to 26 Feb 2022.
- ✓ Dr. S. K. Arora Invited as Keynote Speaker for two days webinar on "GPAT 2022 preparation and tricks to solve MCQs" at Shri Rawatpura Sarkar Institute of Pharmacy, Durg, Chattisgarh on 11 and 12 Feb 2022.
- ✓ Dr. S. K. Arora Successfully delivered an invited talk on "GPAT 2022 Preparation and Tricks to Solve the MCQs" at Terna Public Charitable Trust's College of Engineering, Department of Pharmacy, Osmanabad on 5 Feb 2022.
- ✓ Mr. T.M. Rasala delivered Guest Lecture at Ashirwad School, Zingabai Takli, Nagpur on entitled "Higher studies and career opportunities' on 11th April 2022.
- ✓ Mr. T.M. Rasala delivered Guest Lecture at School of Pharmaceutical Science and Research, Balaghat on title: Nutraceuticals: New Era in Health care sector on 11/12/2021.



**FDP/Seminar/Workshop attended**

- ✓ **Dr. N. P. Sapkal** attended online FDP on "Inculcating Universal Human Values in Technical Education" organized by AICTE from 25th October, 2021 to 29th October, 2021.
- ✓ **Dr. N. P. Sapkal** attended online FDP on "UHV Refresher 1" organized by AICTE from 25th April, 2022 to 29th April, 2022.
- ✓ **Dr. N. P. Sapkal** attended two days national workshop on "Quality enhancement initiatives through pedagogical and research practices in higher education institutes", organized by RTM Nagpur University in collaboration with NAAC. 20 & 21 June, 2022.
- ✓ **Dr. S. R. Walde, Dr. M. M. Bodhankar, Dr. V.A. Kilor, Mr. K. B. Bhelkar, Ms. P. G. Gondane** attended 5 days Faculty Development Program on Inculcating Universal Human Values in Technical Education" organized by AICTE during 18-22 October, 2021
- ✓ **Dr. M. M. Bodhankar** participated in "Virtual National Level Faculty Development Program on NBA Accreditation Process" from 23rd August 2021 to 28th August 2021 (six days) organised by mechanical department of K.D.K. College of Engineering, Nagpur
- ✓ **Dr. M. M. Bodhankar** attended Universal Human Values II organised by AICTE during 26th July to 30th July held at Government College of Engineering, Nagpur.
- ✓ **Dr. M. M. Bodhankar** attended webinar on "Solubility enhancement by hot melt extrusion: From early screening to final formulation development" on 21 January 2022.
- ✓ **Dr. M. M. Bodhankar** attended One-Week Faculty Development Programme on 'I2E-Ideas to Execution' starting from 22nd February 2022 to 26th February 2022 Institute of Chemical Technology.
- ✓ **Dr. M. M. Bodhankar** attended a Webinar on "Novel Excipients: A Boon or Bane for the Pharmaceutical Industry Presented by Dr. Alen Guy Technical Director, Pharmaceuticals IMCD on 23rd March, 2022 on a virtual platform.
- ✓ **Dr. S. P. Padmane** attended international Conference on "Advances in Pharmaceutical Medicinal Chemistry-2022" held on 21st and 22nd April 2022 at D Y Patil Deemed to be University, School of Pharmacy, Navi Mumbai.
- ✓ **Dr. S. R. Yende** Participated in one-week national level online workshop on the theme of Drafting Research Publication, Funding Proposal & Ethical Conduct of Research, organized by IQAC cell, RTMNU and UDPS, RTM Nagpur University, Nagpur held from 14/02/2022 to 18/02/2022
- ✓ **Dr. S. R. Yende** Participated in AICTE Training and Learning academy online FDP on Innovation, Startup and Entrepreneurship Management organized by AISSMS College of pharmacy, Pune from 13/09/2021 to 17/09/2021.
- ✓ **Dr. S.K. Arora** attended AICTE Sponsored two weeks FDP on Optimization Techniques and Recent Advances in Drug Delivery System held on 10 - 22 June 2019 at ISF College of Pharmacy, Moga, Punjab.
- ✓ **Mr. T. M. Rasala** participated & completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Nutrigenomics Unveiled- Frontier in Healthcare" from 23/11/2021 to 27/11/2021 organized by Bharati vidyapeeth College of Pharmacy, Kolhapur.
- ✓ **Mrs. S. A. Ubgade** AICTE sponsored two days online national conference on "Pharma QbD: Product Development Perspective" organized by DBCOP, Nagpur from 3 to 4 September 2021.

- ✓ **Ms. P. G. Gondane** attended ATAL sponsored One Week FDP on Analytical Method Development organized by Bajiraoji Karanjekar College of Pharmacy, Sakoli, Bhandara from 06th to 11th September 2021
- ✓ **Ms. P. G. Gondane** attended AICTE sponsored FDP on Inculcating Universal Human Values in Technical Education from 18th October, 2021 to 22nd October, 2021.
- ✓ **Ms. P. G. Gondane** attended Online National Level Staff Development Programs on Digital Skills Educators organized by Saraswati College of Professional Studies, Gazhibad from 01 May, 2022 to 08 May, 2022.
- ✓ **Ms. P. G. Gondane** attended One-week National Level Online Workshop on Drafting Research Publication, Funding Proposal & Ethical Conduct of Research organized by Internal Quality Assurance Cell and Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur from 14 Feb, 2022 to 18 Feb, 2022
- ✓ **Ms. P. G. Gondane** attended State Level Online Workshop on Plagiarism and Style Manual Jointly Organized by Sant Gadge Maharaj Arts, Science and Commerce College, Walgaon, Libraries of Sipna Shikshan Prasarak Mandal, Amravati's Arts, Science & Commerce College, Chikhaldara on 22 Mar, 2022
- ✓ **Ms. P. G. Gondane** attended One Day National Level Workshop on Active learning Strategies for Effective Classroom Engagement organized by Pedagogy Club, NMIMS Shirpur Campus on 26 Mar, 2022.
- ✓ **Ms. P. G. Gondane** attended Three Days National e-Seminar on Ethnopharmacology : A perspective of Immunoboosters & Anti-viral organized by Dr. Arun Motghare College of Pharmacy, Kosra-Kondha, Tah. Pauni, Dist. Bhandara, (MS) India in association with Society for Ethnopharmacology (SFE), Nagpur Chapter, Nagpur from 28 Feb, 2022 to 02 Mar, 2022.
- ✓ **Ms. P. G. Gondane** attended Online National Conference on Good Pharmacy Educational Practices organized by Indira College of Pharmacy, Pune from 21 Mar, 2022 to 24 Mar, 2022.
- ✓ **Ms. P. G. Gondane** attended Online National Conference Recent Advances in Drug Design & Pharmaceutical Research organized by Nagpur College of Pharmacy, Wanadongri, Nagpur on 24 Mar, 2022.
- ✓ **Ms. P. G. Gondane** attended Online Webinar on Human Universal Values organized by Rahul Dharkar College of Pharmacy & Research Institute, Karjat on 09 Oct, 2021.
- ✓ **Dr. A. N. Mungle** attended FDP on Inculcating Universal Human Values in Technical Education held on 18th October, 2021 to 22nd October, 2021 organized by All India Council for Technical Education (AICTE).
- ✓ **Dr. A. N. Mungle** attended workshop on Innovative Technologies to improve Quality of Teaching & Learning From 4 April 2022 to 6 April 2022 organized by Internal Quality Assurance Cell (IQAC) GHRIET, Nagpur
- ✓ **Dr. A. N. Mungle** attended conference on International Conference on "Advances in Pharmaceutical Medicinal Chemistry-2022 from 21st and 22nd April 2022 Organized in Online Mode by D Y Patil Deemed to be University School of Pharmacy, Navi Mumbai, Maharashtra, India.



• SUCCESS STORY •

**Vineeta Singh** is the CEO of SUGAR Cosmetics, one of India's most popular cosmetics brands. Sugar Cosmetics earned INR 104 crores in FY20 despite a significant decline in sales from INR 57 crores in 2019. With 15% of her brand's sales coming from international markets, Vineeta Singh ensures a solid global presence.



Vineeta Singh graduated from the Indian Institute of Technology Madras in 2005 with a degree in Electrical Engineering. Upon graduating from IIM Ahmedabad in 2007, she entered IIM Ahmedabad to pursue her MBA. In 1991, she was born in Delhi, India, and became an entrepreneur. During her time at ITC Ltd, Vineeta studied arts. She interned at Deutsche Bank during the summer. Also, she joined Fab Bags as a co-founder in 2012. She has been serving as Sugar Cosmetics' CEO since 2015.

Vineeta Singh makes approximately INR 22 crores a year from SUGAR cosmetics, according to reports. What assets and revenue Vineeta Singh have accrued from other businesses is unknown.

SUGAR was started after she failed to create two other businesses and turned down a job offer of "one crore" from a global investment bank. That's right. Rather than doing something for someone else, she wanted to create something for herself. She launched her third startup with Kaushik Mukherjee, her husband. Global brands like Lakmé, L'Oréal, and MAC Cosmetics dominated India's cosmetics market. Then in 2012, SUGAR was launched to beat out so many other national and international brands to become India's fastest-growing cosmetics brand. In just five years, Sugar has become India's fastest-growing beauty brand. The brand has more than 2500 branded outlets in over 130 cities and revenue of more than 100 crores.



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*Printed By-*

*Principal, Gurunanak College of Pharmacy, Nagpur*

*Designed By-*

*Subhash Yende, Krishnakant Bhelkar*