



# BNCP Newsletter

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SEMIANNUAL NEWSLETTER

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## PRINCIPAL'S DESK

*"You can teach a student a lesson for a day; but if you can teach him to learn by creating curiosity, he will continue the learning process as long as he lives." -Clay P. Bedford*

SVKM's Dr Bhanuben Nanavati College of Pharmacy has always been forefront in nurturing the shelved potential of the students and the faculty members. I am delighted to be a part of this vibrant institute of learning. Our educational system focuses not only on pure academics, but also provides opportunities to each student to explore their curricular, co-curricular, and extra-curricular and entrepreneurship skills. The institute served as an ideal online interactive platform for the students and faculty members to channelize their creativity and serenely express their thoughts. The constant growth in research and academics in the recent past has brought remarkable achievements to our institute. Every milestone achieved would never have been possible without the efforts and cooperation of the Management. Our lifelong objective is to turn the challenges of the changing world into the wisdom of opportunities for the future. I appreciate the efforts of every individual who has been a part of our accomplishments.

**Dr. Munira Momin**

## EDITOR'S DESK

*"Let us pick up our books and our pens. They are our most powerful weapons. One child, one teacher, one book and one pen can change the world." -Malala Yousafzai*

Greetings! We are pleased to present to you the fourth edition of our newsletter. We have made tremendous strides to bring you this edition. It would be a snapshot of the various activities, accomplishments and happening in our institute from January 2022 – June 2022. In this fast-changing world, every college needs a platform to showcase their work, research and achievements. This newsletter is a great way to know about our institute, its success as well as the various events and competitions conducted. We extend my sincere thanks to our editorial team for shaping this newsletter into an enriching experience for the readers. We hope you enjoy reading this newsletter. This issue of newsletter should inspire all of us for a new beginning, enlighten with hope, confidence and faith in each other in the road ahead.... Happy Reading!

**Dr. Gaurav Doshi and Dr. Manisha Oza**

## Awards & Recognition



B.Pharm Programme accredited for 6 Years (2017-2023)



Best Industry-Linked Pharmacy Institute Award (2015 & 2017)



Ranked 38<sup>th</sup> at National Level (Pharmacy Category), 2022

## KEY RECOGNITION & ACHIEVEMENTS BY THE COLLEGE



Approved by AICTE, PCI & DTE



B. Pharm Programme Accredited for 6 Years (AY 2017-2023)



All India Ranking # 38 in (Pharmacy Category) by NIRF Ranking 2022



Best Industry-Linked Pharmacy Degree College Award 2015 & 2017,  
Platinum category 2016



Time Best College Trophy in Rx Igenus 2021



State level championship & runner championship at 14th & 15th  
Avishkar Research Convention



Permanent affiliation by University of Mumbai for B.Pharm Course



Institute innovation council got half yearly rating 2/2 and score 47.49/50  
from Ministry of education's innovation cell, Government of India

## NEW INITIATIVES BY COLLEGE (IQAC activities)

### 1. One Week Workshop on Laboratory Safety and Laboratory Quality Management from 30<sup>th</sup> May 2022 to 4<sup>th</sup> June 2022.

#### Main Highlights:

1. To sensitize the research scholars (PG and PhD) and laboratory staff to the importance of handling sophisticated analytical instruments with care.
2. To train the students and laboratory staff to maintain and repair frequently used machines/equipment such as pH meter, colorimeter, heating mantles and microscopes.
3. To be aware of the proper storage and usage of chemicals in the laboratory.
4. To be aware of the simple first aid measures which can be life-saving, in cases of emergency.
5. The theory and hands-on sessions of instrument handling and maintenance were accompanied by several sessions of lab safety and good laboratory practices.



## 2. Research House Open Week

The college organized One-week workshop on “Hands-on training program for various instruments and cell-culture facility” from 13th June 2022 to 18th June 2022.

### Main Highlights:

1. It provided a unique platform to explore the instrumentation lab and cell-culture facility of SVKM's BNCP.

2. It provided an opportunity to understand the research strengths of our institute and plan a comprehensive research project utilizing the instruments at BNCP.

3. It helped to create a forum to develop connect and research collaborations.



## 3. Research Colloquium Week for M. Pharm students

The college organized One-week Research Colloquium Week for S.Y. M. Pharm students on from 24th June 2022 to 30th June 2022 in association with Ashland India Pvt. Ltd.

### Main Highlights:

1. The primary objective of this event was to showcase the research being conducted by M.Pharm. students of BNCP and included the research colloquium of the outgoing M.Pharm. batch, poster competitions and an oral presentation contest for best research work by PG students, which was sponsored by Ashland India Pvt. Ltd.

2. The week-long programme highlighted various research themes with students presenting their research work in the domains of Inflammatory/Immune Disorders, CVS/Metabolic disorders, CNS disorders, Anti-infective research as well as drug delivery systems, bioavailability enhancements and drug stability.

- Esteemed external experts from the academia and industry evaluated the poster presentation contests. Dr. C. S. Ramaa, Vice-Principal, Head, Pharmaceutical chemistry, Bharatiya Vidyapeeth's College of Pharmacy, Dr. Shariq Syed, Dean, School of Pharmacy, Anjuman-I-Islam's Kalsekar Technical Campus and Dr. Sandhya Shenoy, Associate Vice-President & Head – R & D Formulation, FDC Limited were the judges for the three-day long poster presentation contest.
- The oral presentation contest was conducted in two rounds. Nine candidates (Three from each department) were shortlisted and awarded prizes by the college from 42 total contestants, who then presented their work to the Ashland team. Finally, three were selected for Ashland Sponsored Award one from each department.

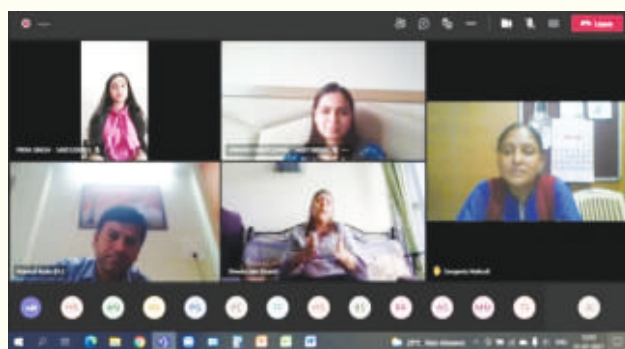
- The winners were awarded with trophies, merit certificates and cash prizes.



## ALUMNI INTERACTION

Alumni- Meet up event was organized on 29th January 2022. The event commenced with a welcome address by Dr. Munira Momin. In this address, college achievements were summarized to give the alumni an overview of the recent infrastructural, academic and cultural successes achieved by our institution in the recent years. To further showcase these achievements and as a memento, the college magazine was also inaugurated and dedicated to our students and alumni.

The session was then opened up for alumni introduction to present students. After formal introduction, the alumni, lab assistants and faculty members interacted and everyone shared their experiences of the years spent together in the college.

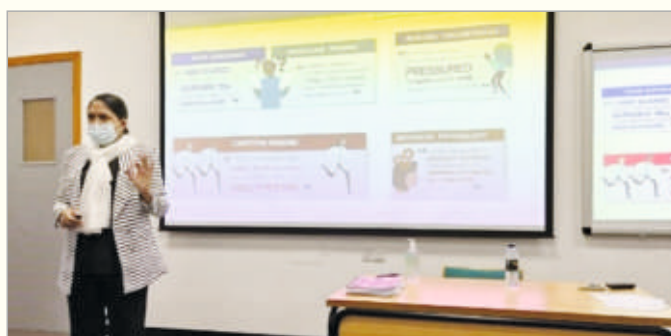


Alumni Mentorship Program- Meeting was organized with BNCP Alumna Dr. Naveen Parmar, Lupin Ltd on 6th February 2022.



## FACULTY INVITED TALKS

1. Dr. Amarjit sing Rajput was invited as resource person for the topic "Innovations and Emerging areas in Pharmacy" organized by Singhad College of Pharmacy, Vadgaon, Pune 10/06/2022.
2. Dr. Atul Sherje was a resource person for conducting training on UV spectroscopy in the training programme organized by C. B. Patel Research Centre during 12/05/2022 to 26/05/2022.
3. Dr. Vasanti Suvarna was a resource person for conducting training on HPLC in the training programme organized by C. B. Patel Research Centre during 12/05/2022 to 26/05/2022.
4. Dr. R K Raheja was a resource person for conducting training on Introduction to Infrared spectroscopy. in the training programme organized by C. B. Patel Research Centre during 12/05/2022 to 26/05/2022.
5. Dr. Arundhati Abhyankar was invited as resource person for doubt solving session on subject of Medicinal Chemistry III, T.Y. B. Pharm students of AIKTC, School of Pharmacy, Navi Mumbai on 04/05/2022.
6. Dr. Arundhati Abhyankar was invited as a resource person for webinar titled 'Impact of Bioisosteres in Drug Discovery' organized by Department of Chemistry, VPM's B. N. Bandodkar College of Science (Autonomous), Thane (W), on 21/04/2022.
7. Dr Munira Momin was invited as resource person for the "Relevance of Collaborative learning and research ethics and Pharma innovation" at College of Pharmacy and Health Sciences, Ajman University on 16/03/2022.
8. Dr Lokesh Bhatt was invited as resource person for One-week AICTE sponsored Short-Term Course (STC) on "Exploring New Horizons in Pharmacology Drug Discovery & Development" organised by Bharati Vidyapeeth (Deemed to be University) Poona College of Pharmacy, Pune on 01/03/2022.
9. Dr. Sandip Zine was invited as resource person for the topic "Workshop on Design thinking, Critical thinking and Innovation design in association" under the aegis of Mentor-Mentee scheme of MoE'S innovation cell on 06/02/2022.
10. Dr. Sandip Zine was invited as resource person for the topic "Orientation session on setting up Institutions Innovation Council in Pharmacy Institutions" organized by Prabodhan Shikshan Prasarak Sanstha's Indira Institute of Pharmacy, Sadavali (Devrukh), Ratnagiri on 20/01/2022.
11. Dr. Munira Momin was invited as resource person for the topic "Therapeutic efficacy of nano drug delivery system: case studies and translational potential" organized by NASI (National Academy of Sciences, India) based on theme as Integrated Approach in S & T for sustainable future on 28/02/2022.



## FACULTY INTERACTION WITH OUTSIDE WORLD

1. Dr. Tabassum Khan was an external referee for a PhD thesis, PG & Research Department of Advanced Zoology and Biotechnology; Loyola College, University of Madras, Chennai.
2. Dr. Sujata Sawarkar was invited as external member of the Academic Council of the Institute at ICT, Mumbai on 29/06/2022.
3. Dr. Tabassum Khan was member of Selection Committee for conducting interview for Junior Research Fellow in CCRUM, Ministry of AYUSH for the project titled "Drug proving studies, mechanistic in sight and development of novel drug delivery systems of UNIM-H and UNIM-R for effective treatment of arthritis" on 16/06/2022.
4. Dr. Sujata Sawarkar was invited as evaluator and subject expert for assessment of Final Year B. Pharm research projects at Institute of Chemical Technology Mumbai (ICT) on 07/05/2022.
5. Dr. Tabassum Khan was involved with the organization of the jury panel for competition rounds in coordination with OSD, Avishkar, University of Mumbai as Coordinator for Pharmacy colleges for 16th Avishkar Research Convention in category 6: Medicine & Pharmacy for PG/PPG/TH level (02/05/2022) and UG level (15/05/2022).
6. Dr. Sandip Zine was supervisor for Ph. D Viva Voce Examination of Mr. Binuraj K on a thesis titled "Evaluation of Multi-Dimensional flexibility of Micro Tablets technology in Pharmaceutical Combination Products on 23/04/2022 at Pacific Academy of Higher Education and Research University, Udaipur, Rajasthan.
7. Dr. Sujata Sawarkar was invited as a Subject expert and Vice Chancellor nominee for conducting the Faculty interview at St. John Institute of Pharmacy, Palghar on 20/04/2022.
8. Dr. Mahesh Kumar signed a MoU with Datta Meghe Institute of Medical Sciences-Deemed to be University, Wardha, Maharashtra for research collaboration on 01/04/2022.
9. Dr. Munira Momin visited Dubai College of Pharmacy as a part of the Memorandum of Understanding between these institutes with BNCP on 15/03/2022.
10. Dr. Sujata Sawarkar was involved in Academic Council meeting of Institute of Chemical Technology on 15/03/2022.
11. Dr. Sujata Sawarkar was invited as a judge for oral presentation evaluation of the participants in Pharmaceutics and Pharmaceutical Technology track in 6th International Conference (NIPiCON) jointly organized by Nirma University and Indian Pharmacological Society (IPS) (NIPiCON-IPS-2022) on 16/02/2022.
12. Dr. Sujata Sawarkar was invited as a Subject Expert and Hon'ble Vice-Chancellor's nominee on the Screening cum Evaluation Committee for promotion of one staff from stage 4 to stage 5 at Nirmala Niketan College on 26/02/2022.
13. Dr. Sujata Sawarkar was invited as a judge for poster presentation evaluation of the participants in National Science Day (NSD) - 2022 Programme (Vigyan Sarvatra Pujyate) On the Theme 'Integrated Approach in S&T for Sustainable Future' organized by The National Academy of Sciences, India (Mumbai Chapter) and BNCP on 28/02/2022.
14. Dr. Lokesh Bhatt was invited as a judge for poster presentation evaluation of the participants in National Science Day (NSD) - 2022 Programme (Vigyan Sarvatra Pujyate) On the Theme 'Integrated Approach in S&T for Sustainable Future' organized by The National Academy of Sciences, India (Mumbai Chapter) and BNCP on 28/02/2022.
15. Dr. Sujata Sawarkar was invited as the Chairperson for the Technical session of the 20<sup>th</sup> CRS International e-symposium on Advances in Technology and Business potential of NDDS on 24/02/2022 to 26/02/2022.
16. Dr. Sandip Zine coordinated session on APTI Mumbai Region "Karyakaushalam" - Ms.Sushmita Sarkar, Data Scientist, TCS on the topic "Artificial Intelligence in Healthcare: Basic understanding, avenue, and Challenges" was resource person on 20/01/2022.
17. Dr. Tabassum Khan was a referee for review of M. Pharm Sem – I (Regulatory Affairs) seminar assignment, Institute of Pharmacy, Nirma University, Gujrat; 17/01/2022.
18. Dr. Sandip Zine coordinated session on APTI Mumbai Region "Karyakaushalam" - Dr. Mahesh Burande, Professor, D.Y. Patil University School of Pharmacy, Ambi, Pune & Pharma consultant and Trainer on topic "Empowering Pharmacists to Make India Pharma Super Power in 2023" was resource person on 16/01/2022.
19. Dr. Tabassum Khan was a referee for M. Pharm viva voce examination, Dept. of Pharm Sciences, Institute of Chemical Technology on 08/01/2022 and 15/01/2022.

## FACULTY AWARDS AND GRANTS

Dr. Gaurav Doshi was awarded with Dr. APJ Abdul Kalam Lifetime Achievement National Award for your remarkable achievements in the field of Teaching, Research and Publications, International Institute of economic reforms and research, Bangalore on 23/04/2022.



Dr. Arati Prabhu was awarded for Research and Industry outcome for the year 2021-2022 for remarkable performance by SVKM's Dr. Bhanuben Nanavati College of Pharmacy on Annual Day on 12/04/2022.



Dr. Gaurav Doshi was awarded Best Performing Faculty for the year 2021-2022 for remarkable overall performance by SVKM's Dr. Bhanuben Nanavati College of Pharmacy on Annual Day on 12/04/2022.



Mr. Sankalp Gharat received First prize in Medicine and Pharmacy category under faculty pursuing PhD at 16th Avishkar research convention organized by the University of Mumbai.



## GRANTS

Dr. Sujata Sawarkar received Industrial Consultancy Project of Rs. 3.58 lacs from USV Pvt. Ltd titled as "Comparative evaluation of formulations of Dapagliflozin".

Dr. Arati Prabhu was awarded a seed grant of 50,000/- under SVKM's Research Promotion policy for research proposal titles 'Flexible Rifampicin mimetics for combating drug-resistant tuberculosis'.



## FACULTY PUBLICATIONS

Sr. No.	Name of Author	Publication Details	Month	Impact Factor	Scopus/Web of Science
1	Phadatare S; <b>Momin Munira</b> ; Pimpalikar P & Sirwani R ( <i>Joint Publication Academic &amp; Industry</i> )	Development and validation of RP-HPLC method for simultaneous estimation of cyclosporine A in combination with $\alpha$ -linolenic acid <b>Asian Journal of Chemistry</b> 2022, 34(7), 1804-1808	June 2022	-	Yes
2	<b>Doshi Gaurav</b> ; Sathaye S; Bhatia N & <b>Godad Angel</b>	Unraveling the Immunomodulatory Potential of <i>Cyprinus carpio</i> <b>Journal of Young Pharmacists</b> 2022, 14(2), 160-164	June 2022	-	Yes
3	Jain K; Barve K & <b>Bhatt Lokesh</b>	Gasdermins: Pore forming proteins as a potential therapeutic target <b>Current Protein &amp; Peptide Science</b> 2022, 23(3), 133-151	May 2022	3.272	Yes
4	Patel P; Barve K & <b>Bhatt Lokesh</b>	Narirutin-rich fraction from grape fruit peel protects against transient cerebral ischemia reperfusion injury in rats <b>Nutritional Neuroscience</b> 2022, 25(5), 920-930	May 2022	5.000	Yes
5	Govindarao K; Srinivasan N; Suresh R; <b>Raheja Radhika</b> Annadurai S, Bhandare R R, Shaik AB.	Quinoline conjugated 2-azetidinone derivatives as prospective anti-breast cancer agents: In vitro antiproliferative and anti-EGFR activities, molecular docking and in-silico drug likeliness studies. <b>Journal of Saudi Chemical Society</b> 2022, 26(3), 101471	May 2022	3.932	Yes
6	<b>Suvarna Vasanti</b> ; Nair A; <b>Mallya Rashmi</b> ; Khan <b>Tabassum</b> & Omri A	Antimicrobial nanomaterials for food packaging <b>Antibiotics</b> 2022, 11(6), 1-31	May 2022	4.6	Yes
7	<b>Doshi Gaurav</b> ; <b>Kale Pravin</b> ; Bhatia N & Ved H	Importance of exploring n-methyl-d-aspartate (NMDA) as a future perspective target in depression. <b>CNS &amp; Neurological Disorders - Drug Targets</b> , 2022	May 2022	4.388	Yes
8	Patel Z; <b>Gharat Sankalp</b> ; Al-Tabakha M; Ashames A; Boddu H.S & <b>Momin Munira</b>	Recent advancements in electrospun nanofibers for wound healing: polymers, clinical and Regulatory Perspective. <b>Critical Reviews™ in Therapeutic Drug Carrier Systems</b> 2022, 39(4), 83–118	May 2022	4.889	Yes

Sr. No.	Name of Author	Publication Details	Month	Impact Factor	Scopus/Web of Science
9	K Reema; Parihar N; <b>Prabhavalkar Kedar &amp; Bhatt Lokesh</b>	<b>Emerging targets in Parkinson's disease drug discovery</b> <i>Metabolic Brain Disease</i> . 2022	May 2022	3.584	Yes
10	Gharat R; <b>Prabhu Arati</b> & Khambete M	Potential of triazines in Alzheimer's disease: a versatile scaffold <b><i>Archiv der Pharmazie</i></b> , 2022, 355, 2100388	April 2022	3.751	Yes
11	Gaikwad S and <b>Khan Tabassum</b>	A phytopharmacological review on traditional medicinal plant Ziziphus rugosa Lam. <b><i>International Journal of Pharmaceutical Science and Research</i></b> 2022, 13(4), 1456-1462.	April 2022	-	Yes
12	Patil K & <b>Mallya Rashmi</b>	Genus Zanthoxylum as Sources of Drugs for Treatment of Tropical Parasitic Diseases. <b><i>Current Drug Discovery Technology</i></b> 2022, 19(3), 1-13	April 2022	-	Yes
13	Ali A; Nailwal N & Doshi Gaurav	Emerging role of interleukins for the assessment and treatment of liver diseases <b><i>Endocrine, Metabolic &amp; Immune Disorders- Drug Targets</i></b> 2022, 22(4), 371-382	April 2022	2.895	Yes
14	Shah P; Siddique A; Thakkar A; <b>Gharat Sankalp Godad Angel</b> ; Kale Pravin & Doshi Gaurav	An update on novel therapeutic intervention in Rheumatoid arthritis. <b><i>International Immunopharmacology</i></b> 2022, 109, 108794	April 2022	4.932	Yes
15	Parmar T; <b>Kadu Pramod &amp; Kale Pravin</b>	Critical strategies for drug precipitation inhibition: a review with a focus on poorly soluble drugs. <b><i>Current Drug Delivery</i></b> 2022	April 2022	2.5	Yes
16	Chamariya R & Suvarna <b>Vasanti</b>	Role of KSP inhibitors as anti-cancer an update <b><i>Anti-cancer Agents in Medicinal Chemistry</i></b> 2022, 22(14), 2517-2538	April 2022	2.505	Yes
17	<b>Kadu Pramod</b> ; Kale Pravin; Naik J; Kulkarni D & Pandya A	Use of in silico tools for screening buffers to overcome physical instability of Abatacept <b><i>Transplant Immunology</i></b> 2022, 71, 101551	April 2022	1.708	Yes

Sr. No.	Name of Author	Publication Details	Month	Impact Factor	Scopus/Web of Science
18	Gaikwad S & Khan Tabassum	A phyto pharmacological review on traditional medicinal plant ziziphus rugosa lam. <b>International Journal of Pharmaceutical Sciences and Research</b> 2022, 13(4), 1456-1462.	April 2022	-	No
19	Amra K; Momin Munira; Desai N & Khan F	Therapeutic benefits of natural oils along with permeation enhancing activity <b>International Journal of Dermatology</b> 2022, 61(4), 484-507	April 2022	2.736	Yes
20	Gharat R; Prabhu Arati & Khambete M	Potential of triazines in Alzheimer's Disease - A versatile privileged scaffold. <b>Archiv der Pharmazie</b> 2022, 355(4), 2100388	April 2022	3.751	Yes
21	Borkar Maheshkumar & Coutinho E	Amalgamation of comparative protein modeling with quantitative structure-retention relationship for prediction of the chromatographic behavior of peptides <b>Journal of Chromatography A</b> 2022, 1669, 462967	April 2022	4.759	Yes
22	Patel M & Prabhu Arati	Smart nanocomposite assemblies for multimodal cancer theranostics. <b>International Journal of Pharmaceutics</b> 2022, 618, 1-15	April 2022	5.875	Yes
23	Jethva P; Momin Munira; Khan Tabassum & Omri. A	Lanthanide-doped upconversion luminescent nanoparticles- evolving role in bioimaging, biosensing, and drug delivery. <b>Materials</b> 2022, 15(7), 1-23	March 2022	3.623	Yes
24	Suvarna Vasanti; Bore B; Bhawar C; Mallya Rashmi	Complexation of phytochemicals with cyclodextrins and their derivatives-an update. <b>Biomedicine &amp; Pharmacotherapy</b> 2022, 149, 1-28	March 2022	6.529	Yes
25	Sonetha V; Majumdar S; Shah S; Momin Munira & Khan Tabassum	Step-wise micro-fabrication techniques of microneedle arrays with applications in transdermal drug delivery – A review. <b>Journal of Drug Delivery Science and Technology</b> 2022, 68, 1-11	March 2022	3.981	Yes

Sr. No.	Name of Author	Publication Details	Month	Impact Factor	Scopus/Web of Science
26	Wijayasinghe Y S; Bhansali M P; <b>Borkar Maheshkumar</b> ; Chaturbhuj G U; Muntean B S; Viola R E; Bhansali P R.	A Comprehensive Biological and Synthetic Perspective on 2-Deoxy-d-Glucose (2-DG), A Sweet Molecule with Therapeutic and Diagnostic Potentials. <i>Journal of medicinal chemistry</i> , 2022, 65(5), 3706-3728	March 2022	7.446	Yes
27	<b>Momin Munira</b> ; Basudkar V; <b>Gharat Sankalp</b> & Shringarpure M	A review on Anti-aging nanoformulations: Recent developments in excipients for nanocosmeceuticals and regulatory guidelines. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> 2021, 39(3), 45-97	March 2022	4.889	Yes
28	Pokkalath A; Sawant A & <b>Sawarkar Sujata</b>	Herbal medicine for ocular diseases: An age-old therapy and its future perspective <i>Journal of Drug Delivery Science and Technology</i> 2022, 68, 102979	February 2022	3.981	Yes
29	Ghosalkar S; <b>Singh Prabha</b> & Ravikumar Padmini	Emerging topical drug delivery approaches for the treatment of Atopic Dermatitis. <i>Journal of Cosmetic Dermatology</i> 2022, 21(2), 536 - 549	February 2022	2.696	Yes
30	Shinde R and <b>Suvarna Vasanti</b>	Fatty Acid Biosynthesis: An Updated Review on KAS Inhibitors <i>Current Drug Discovery Technologies</i> 2022, 19(2), 1-15	February 2022	-	Yes
31	<b>Oza Manisha</b> & Kulkarni YA	Biochanin A attenuates cardiomyopathy in type 2 diabetic rats by increasing SIRT 1 expression and reducing oxidative stress. <i>Chemistry and Biodiversity</i> 2022, 19(3), 202100591	February 2022	2.408	Yes
32	Mandalik R; Naik S; <b>Zine Sandeep</b> Ved H & <b>Doshi Gaurav</b>	Antidiabetic Activity of Caulerpa Racemosa: Role of proinflammatory mediators, oxidative stress, and other biomarkers. <i>Planta Medica International Open</i> 2022, 9, 60–71	February 2022	-	No
33	Shinde R; <b>Suvarna Vasanti</b> & <b>Abhyankar Arundhati</b>	An Insight into Privileged Scaffolds in Tuberculosis: Developmental Aspects and Implications in Drug Design. <i>Indian Drugs</i> 2022, 59(1), 7-22	January 2022	0.126	Yes

Sr. No.	Name of Author	Publication Details	Month	Impact Factor	Scopus/Web of Science
34	Raut D; Vora A & <b>Bhatt Lokesh</b>	The Wnt/ $\beta$ -catenin in breast cancer therapy: a pre-clinical perspective of its targeting for clinical translation. <b>Expert Review of Anticancer Therapy</b> 2022, 22(1), 97-114	January 2022	4.512	Yes
35	<b>Momin Munira; Khan, Tabassum; Mallya Rashmi; Suvarna Vasanti; Omri A &amp; Nair A</b>	Nanoparticles—Attractive Carriers of Antimicrobial Essential Oils <b>Antibiotics</b> 2022, 11(1), 108	January 2022	4.63	Yes
36	<b>Rane Meenal</b> and Ahuja R	<b>Lipid Polymer-Based Bio-Inspired Drug Delivery System:</b> <i>International Journal of Pharmaceutical Sciences and Research</i> 2022, 13(1), 101-117	January 2022	-	Yes
37	Nadar S; <b>Khan Tabassum</b> ; Patching S and Omri A.	Development of Antibiofilm Therapeutics Strategies to Overcome Antimicrobial Drug Resistance. <b>Microorganisms</b> 2022, 10(2), 10020303	January 2022	4.128	Yes
38	Prabhu P; Fernandes T; Damani M; Chaubey P ; Narayanan S and <b>Sawarkar Sujata</b>	Receptor specific ligand conjugated nanocarriers: an effective strategy for targeted therapy of tuberculosis. <b>Current Drug Delivery</b> 2022, 19(8), 830-845	January 2022	2.565	Yes
39	Borase H; <b>Borkar Maheshkumar</b> ; Chaturvedi KK, Mahapatra DK' Chalikwar SS & Dangre PV	Design and evaluation of natural deep eutectic solvents system for chrysin to elicit its solubility, stability, and bioactivity. <b>Journal of Molecular Liquid</b> 2021, 345, 118205	January 2022	6.165	Yes
40	Gokani S, <b>Bhatt Lokesh</b>	Caveolin-1: A promising therapeutic target for diverse diseases. <b>Current Molecular Pharmacology</b> 2021, 15(5), 701-715	January 2022	3.339	Yes
41	<b>Suvarna Vasanti</b> ; Gujar P; Murahari M; Sharma D & Chamariya R	Supramolecular ternary inclusion complexes of irbesartan with hydroxypropyl-beta-cyclodextrin. <b>Journal of Drug Delivery Science and Technology</b> 2022, 67, 1-11	January 2022	3.981	Yes

## FACULTY PATENTS

Faculty members have five patents granted, one filed and two provisionally filed in last six months.

Name of the faculty	Details
Dr. Munira Momin	2 granted and 2 filed
Dr. Tabassum Khan	1 granted
Dr. Sujata Sawarkar	1 granted and filed
Dr. Prabha Singh	1 granted
Dr. Meenal Rane	1 provisional filed
Mr. Sankalp Gharat	1 provisional filed



Topical polyherbal formulations for skin orders in animal  
Patent No. 399230  
Patentee: Dr. Tabassum Khan  
14<sup>th</sup> October, 2021



Novel antifungal composition  
Patent No. 386553  
Patentee: Dr. Munira Momin  
15<sup>th</sup> May 2013



Floating microporous osmotic tablets  
Patent No. 390470  
Patentee: Dr. Prabha Singh  
16<sup>th</sup> July 2021



Pharmaceutical Hair Gel  
Patent No. 361470  
Patentee: Dr. Sujata Sawarkar  
6<sup>th</sup> November 2015

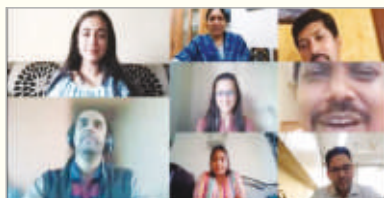


A Curcumin hydrogel sponge for wound healing  
Patent No. 357257  
Patentee: Dr. Munira Momin, Ms. Suvarna Khurade, Mr. Kishor Butte, Ms. Pallavi Khanekar  
14<sup>th</sup> June 2014

## STUDENT ACTIVITIES AND EVENTS

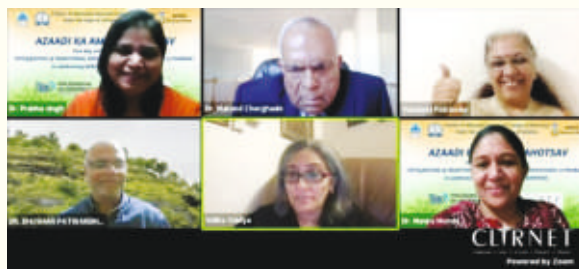
### 1. Institute Innovation Council activities

1. Webinar on “Out of the box Thinking for Problem Solving” by Professor. V. Kamakoti, Director IIT Madras on 28/06/2022.
2. Webinar on “Start Ups in India: An overview and Legal Perspective” by Advocate Veer Kankaria, Supreme Court of India and Bombay High Court on 27/05/2022.
3. Webinar on “Prototype Design and Development” by Mr. Prashant Iyer, Leadership Coach and trainer with MBA in Human Resources from IMI Belgium, Masters in Leadership Science and A certified Coach from ICF on 24/05/2022.
4. Webinar on “Business Model Canvas” by Mrs. Varsha Shah – Educator Professional, Psychometric Analyst, Leadership Mentor on 09/04/2022.
5. 6<sup>th</sup> Parishodhana Contest an Industry defined problem was organized on 05/04/2022.
  - **1<sup>st</sup> place** was secured by TEAM 16 – Kunjal Somaiya, Sheryl Dsouza, Zalak Sheth, Ishaan Shah,
  - **2<sup>nd</sup> place** by TEAM 14- Turabali Aminali Bana, Bharti Gupta, Darshana Sakpal, Jayesh Gupta and
  - **3<sup>rd</sup> place** by TEAM 2 – Gargi Dixit, Ruchita Gharat, Manshi Patel, Nikita Pise
6. Webinar on “Sense for Cents” A session on financial awareness by” Mr. Vipul Bane” CEO-Adyanta FC, Financial and purpose Coach on 06/03/2022.
7. Webinar on self-driven IIC session “Network is Net worth” by Dr. Pramod Kadu, Asst Prof, Dept of Pharmaceutics, on 24/02/2022.
8. Webinar on “My Story: Motivational session by Mr. Vinit shah, Managing director and CEO of VRW rubber industries Pvt Ltd on 20/02/2022.
9. Skit was organized by students as Ad Mad event on 19/02/2022.
10. Poster presentation event “Innovation in the pharmaceutical world” was organized on 18/02/2022.
11. Webinar on small business owner: Dhvani's journey into baking was organized on 16/02/2022.
12. Webinar on Design thinking, critical thinking and innovation design in association with Dwarkadas J. Sanghvi College of Engineering under the aegis of Mentor-Mentee scheme on 06/02/2022.
13. War with entrants on a theme of logos, tagline and laws; Entrepreneurial perspective on 25/01/2022 & 26/01/2022.
14. Webinar on “Recent Innovations and Marketing Trend in Pharma” was organized on 29/01/2022.
15. Orientation session on IIC 4.0 by Mr. Dipan Sahu (Assistant Innovation Director of MoE innovation cell) on 24/01/2022.
16. Webinar session on I&E Initiatives & Programs of MoE for HEIs on topic titled as e-Symposium on Building Innovation and Entrepreneurial ecosystem in educational Institutions on 11/01/2022 & 12/01/2022.
17. Webinar on Entrepreneurship and Innovation as career opportunity by Dr. Smita Sovani, Human Resources Trainer, Life transformers, Pune and Workshop on Entrepreneurship Skill, Attitude, and Behaviour development by Ms. Shraddha Utkarsh (IIC Driven Activity) on 08/01/2022.

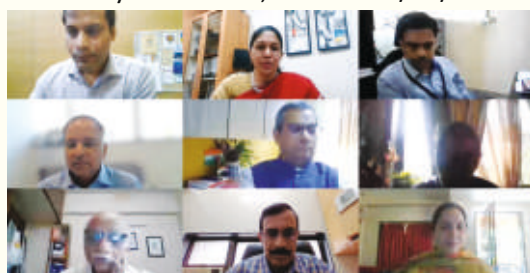


## 2. Internal Quality Audit Cell activities

1. One Day Online Webinar on Integration of Traditional Knowledge with Innovations on 11/02/2022.



2. One day Seminar on Programme on the Theme “Integrated Approach in S & T for sustainable future” in collaboration with National Academy of Sciences, India on 28/02/2022.



3. One day seminar on “Emerging role of Excipients in Emerging Advances and Stabilization of Pharmaceuticals” in collaboration with Ashland Inc., Mumbai India on 29/04/2022.



4. Industrial Visit to Ashland, Mumbai, India with M. Pharm students on 24/05/2022.



5. International Yoga day was organized on 21/06/2022 based on the theme as “Yoga for sound body and mind”; Dr. Urvi Chauhan from 10: 30 am to 11: 30 am was the instructor and resource person.





## GUEST LECTURES AND LIBRARY ACTIVITIES

### *I) Industrial lecture series*

Sr. No.	Name of the resource person (Event type)	Affiliation	Title of the talk	Date/ Time slot/ Platform	Target audience
1	Mr. T.G. Ramakrishnan	Director, RADEUS 360 PTE LTD Singapore	FMCG Product Design and Development	25-05-2022	M.Pharm, PhD and faculty
2	Dr. Saurabh Gupta	Technical business development manager, Pharm India, Japan and Korea, Formulation R&D Ashland Inc., Mumbai, India.	The role of novel excipients in stabilization of Pharmaceutical formulations	29-04-2022	Final year B. Pharm, M. Pharm, PhD and faculty
3	Mrs. Rajani Bhatt	Communication specialist ROA and India head, Ashland Inc., Mumbai, India	Ashland's science, technology, engineering and math (STEM) towards corporate social responsibility	29-04-2022	Final year B. Pharm, M. Pharm, PhD and faculty
4	Dr Sudeep Gupta	Director, Advanced Centre for Treatment, Research & Education in Cancer, Kharghar, Navi Mumbai.	Clinical trials, the vital last mile in biomedical research	28-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty
5	Dr Ashok Menon	Director, Sustainability Strategy, APAC SABIC R & T India Pvt. Ltd, Bengaluru	Sustainability in chemical industry	28-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty
6	Dr M.S. Balakrishna	Dept. of Chemistry, Indian Institute of Technology, Bombay Powai, Mumbai.	Periodic table: historic background	28-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty

### *II) Technology/international lecture series*

Sr. No.	Name of the resource person (Event type)	Affiliation	Title of the talk	Date/ Time slot/ Platform	Target audience
1	Dr. Aditya Pattani	Partner of NanoXpert technologies, member of the advisory board at Kairav Chemofarbe Industries	Compatibility and storage of chemicals	04-06-2022	M Pharm students and laboratory staff
2	Dr. Yashawant Dharap	General Manager, R & D, Sudarshan Farm Chemicals Pvt. Ltd.	Quality Management systems	04-06-2022	M Pharm students and laboratory staff

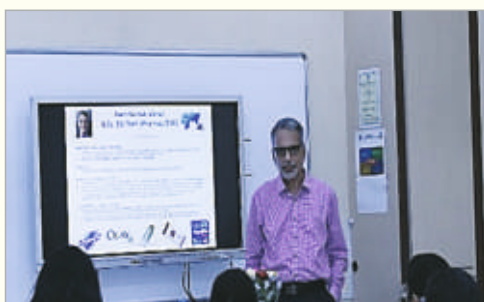
Sr. No.	Name of the resource person (Event type)	Affiliation	Title of the talk	Date/ Time slot/ Platform	Target audience
3	Dr. V Ambike	Senior Manager, Quality Assurance, Gharda Chemicals	Quality Management systems	04-06-2022	M Pharm students and laboratory staff
4	Dr. Shreerang Joshi	Professor, Head, Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai	Compatibility and storage of chemicals	02-06-2022	M Pharm students and laboratory staff
5	Dr. B M Bhanage	Professor, Department of Chemistry, ICT, Mumbai	Handling high pressure reactions	02-06-2022	M Pharm students and laboratory staff
6	Dr. Sunil Keswani	Director, National Burns Centre, Airoli	Compatibility and storage of chemicals	02-06-2022	M Pharm students and laboratory staff
7	Dr. Shivram Garje	I/C Director, Western Regional Instrumentation Centre (WRIC)	Key note address on Laboratory Safety and Laboratory Management Systems	30-05-2022	M Pharm students and laboratory staff
8	Mr. Mayuresh Sanikar	Senior associate manager, formulation and application services at Evonik India Pvt.Ltd. Mumbai	Application of eudragit on novel drug delivery systems	05-05-2022	M.Pharm, PhD and faculty
9	Dr Zehra Edis	Associate Professor, College of Pharmacy and Health Sciences, Ajman University	Antimicrobial Agents with Polyiodides	23-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty
10	Dr Ashok Vaidya	Research Director, Kasturba Health Society, Medical Research Centre	Online Webinar on Integration of Traditional Knowledge with Innovations	11-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty
11	Dr Mukund Chorghade	President, CSO, THINQ Pharma/ APINOVO, Adjunct Research Professor, Northern University	Online Webinar on Integration of Traditional Knowledge with Innovations.	11-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty

Sr. No.	Name of the resource person (Event type)	Affiliation	Title of the talk	Date/ Time slot/ Platform	Target audience
12	Dr Martin D Burke, May and Ving Lee	Professor for Chemical Innovation, University of Illinois, Urbana Champaign.	Online Webinar on Integration of Traditional Knowledge with Innovations	11-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty
13	Dr Vidita Vaidya	Professor, Department of Biological Sciences, TIFR, Mumbai.	Online Webinar on Integration of Traditional Knowledge with Innovations	11-02-2022	Final year B. Pharm, M. Pharm, PhD and faculty

### III) Student development lecture series

Sr. No.	Name of the resource person (Event type)	Affiliation	Title of the talk	Date/ Time slot/ Platform	Target audience
1	Professor. V. Kamakoti	Director IIT Madras	Out of the box Thinking for Problem Solving	28-06-2022	Final year B. Pharm, M. Pharm, PhD and faculty
2	Mr. Veer Kankaria	Advocate, Supreme Court of India and Bombay High Court	Start Ups in India: An overview and Legal Perspective	27-05-2022	Final year B. Pharm, M. Pharm, PhD and faculty
3	Mr. Prashant Iyer	Leadership coach and trainer with MBA in HR from IMI, Belgium, Masters in Leadership science and certified coach from ICF	Protype Design and Development	24-05-2022	Final year B. Pharm, M. Pharm, PhD and faculty
4	Mrs. Varsha Shah	Educator Professional, Psychometric Analyst, Leadership Mentor.	Business Model Canvas	09-04-2022	Final year B. Pharm, M. Pharm, PhD and faculty
5	Mr. Vipul Bane	CEO-Adyanta FC, Financial and purpose Coach.	Webinar on Sense for Cents" A session on financial awareness	06-03-2022	Final year B. Pharm, M. Pharm, PhD and faculty
6	Mrs. Purnima Joshi	Librarian, Kishinchand Chellaram Law College, Mumbai	Importance of Copyright and Plagiarism in Research	25-01-2022	Final year B. Pharm, M. Pharm, PhD and faculty

Sr. No.	Name of the resource person (Event type)	Affiliation	Title of the talk	Date/ Time slot/ Platform	Target audience
7	Ms. Sushmita Sarkar	Data Scientist, TCS	Artificial Intelligence in Healthcare: Basic understanding, avenue, and Challenges	20-01-2022	Final year B. Pharm, M. Pharm
8	Dr. Mahesh Burande	Professor, D.Y. Patil University School of Pharmacy, Ambi, Pune & Pharma consultant and Trainer	Empowering Pharmacists to Make India Pharma Super Power in 2023	16-01-2022	Final year B. Pharm, M. Pharm
9	Dr Smita Sovani	Human Resources, Trainer at Life Transformers, Pune	Entrepreneurship skills, attitude and behavior development	08-01-2022 & 09-01-2022	Final year B. Pharm, M. Pharm
10	Ms. Shraddha Uttarsh	Digital Marketing, Trainer, SP Finance Academy and Managing Director at New Point marketing clinic.	Entrepreneurship skills, attitude and behavior development	08-01-2022 & 09-01-2022	Final year B. Pharm, M. Pharm



IV) Library activities

Date	Topic	Class
27/04/2022 & 28/04/ 2022		KNOW YOUR LIBRARY M. Pharm (QA, Pharmaceutics, Pharmacology)
08/01/2022	Library Orientation	M.Pharm (All streams)
08/01/2022	Library Orientation	First Year B. Pharm and Lateral Entry S.Y.B. Pharm Library Orientation



Know your Library activity on 27/04/2022 and 28/04/2022

## FACULTY AND STUDENT PRESENTATIONS

Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
1	Mansi Damani, Zeeshan Patel <b>(2nd Place at All India Level)</b>	Dr. Munira Momin	Preparation and characterization of Electrospun Fluocinolone Acetonide Nanofibers for Treatment of Posterior Uveitis	Disso Research Presentations India (DRPI) 2022 organized by Society for Pharmaceutical Dissolution Science (SPDS) in association with American Association of Pharmaceutical Scientists (AAPS) and Association of Pharmaceutical Teachers of India (APTI)
2	Ms. Shaikh Darakhshan Afreen	Dr. Munira M. Momin	Formulation development and evaluation of poloxamer based in situ ocular gel by validated RP-HPLC method	Disso Research Presentations India (DRPI) 2022 organized by Society for Pharmaceutical Dissolution Science (SPDS) in association with American Association of Pharmaceutical Scientists (AAPS) and Association of Pharmaceutical Teachers of India (APTI)
3	Trinette Fernandes, Vidhi Tanna <b>(1st Place at All India Level))</b>	Dr. Sujata Sawarkar	pH- Triggered Nanoparticle loaded Gel for Prevention of Vaginal Transmission of HIV	Disso Research Presentations India (DRPI) 2022 organized by Society for Pharmaceutical Dissolution Science (SPDS) in association with American Association of Pharmaceutical Scientists (AAPS) and Association of Pharmaceutical Teachers of India (APTI)
4	Ms. Sakpal Darshana Dattaram	Dr. Munira Momin	Optimization of machine and material parameters to design electrospun nanofibers: A Quality by design approach in Engineering and Technology.	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
5	Mrs. Mulkutkar Madhura	Dr. Sujata Sawarkar	Tongue guard for protection against post seizure complication of tongue laceration	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
6	Mr. Bana Turabali Aminali	Dr. Pramod Kadu	Streamlining Artificial Intelligence and Machine Learning in the Pharmaceutical world	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai

Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
7	Mr. Siddiquee Taufique Mohd, Ms. Udaipurwala Amatullah, Ms. Bafna Khushboo Shyamlal, Ms. Nathani Khushali Jagdish	Dr. Sujata Sawarkar	Invicast: transparent, lightweight, cast in Engineering and Technology	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
8	Ms. Das Nivedita, Ms. Dubey Divya, Mr. Nair Shrikanth		Development of active packaging material by loading Zinc Oxide nanoparticles to inhibit microbial degradation of suspensions	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
9	Mr. Mhase Mayur Ashok, Mr. Rathod Shailesh Shyam, Mr. Chandwani Mayur Rajkumar	Dr. Munira Momin	Novel Microneedle Patches Loaded with Pitavastatin for Management of Obesity	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
10	Ms. Gohil Riddhi, Mr. Gupta Pradeep, Ms. Hapani Kunal, Mr. Jadhav Anuj, Ms. Goswami Pooja	Mr Sankalp Gharat	Novel medicated Vegan Gummies for the management of Oral Candidiasis in Pure Sciences	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
11	Mr. Gupta Jayesh Ramesh (Final Round Selection)	Dr. Munira Momin	Formulation of topical gel embedded with etodolac loaded mesoporous silica nanoparticles for rheumatoid arthritis	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
12	Ms. Ajithkumar Shreya	Dr. Pramod Kadu	Treatment of Onychomycosis using Ketoconazole loaded Ethosomes in nail lacquer for enhanced unguinal permeation	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
13	Ms. Sawant Bhakti Deepak, Ms. Patil Ritika Manohar	Dr. Rashmi Mallya	Graphene Quantum Dots using lenalidomide for potentiation of anticancer activity by photodynamic therapy	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai

Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
14	Mr. Baig Mirza	Dr. Pramod Kadu	Gastroretentive microspheres formulation of Acyclovir for the treatment of Herpes Simplex Virus (HSV)	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
15	Ms. Teli Shriya, Ms. Deshmukh Kajal Gautam (Final Round Selection)	Dr. Vasanti Suvarna	Development of photoluminescence turn-off biosensor for detection and quantification of TMAO levels	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
16	Mr. Salgaonkar Shreya, Ms. Karmarkar Shriya, Ms. Gavali Priyanka, Ms. Gawali Shrutika (2nd Prize)	Dr. Sujata Sawarkar	Novel technique to detect beta-lactam antibiotics residues in milk and milk products using colour reaction	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
17	Ms. Chheda Sweety, Mr. Bhanushali Amogh, Ms. Vaishampayan Purva, Mr. Tonape	Dr. Meenal Rane	Reprocessed Green tea bags- A solution for Tick management in animals	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
18	Ms. Tiwari Deepika, Ms. Pise Nikita, Ms. Nair Arya (Final Round Selection)	Dr. Tabassum Khan	Management of foot and mouth ulcer disease in cattle - nanotech niosomal herbal gel	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
19	Ms. Sankhe Kaksha	Dr. Tabassum Khan	Nutritional feed mix pellets for improved milk production in cattle	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
20	Ms. Pandya Nidhi	Dr. Prabha Singh	Bioavailability enhancement of antiretroviral drug by mixed micelle formulation	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
21	Ms. Gupta Bharti Radhesham (Final Round Selection)	Dr. Munira Momin	Novel drug loaded microneedle for management of diabetic macular edema	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
22	Ms. Maniyar Drashti	Dr. Pramod Kadu	Formulation and evaluation of Etodolac loaded Self Nanoemulsifying Drug Delivery System (SNEDDS) by enhancing its solubility	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai



Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
23	Ms. Shah Jenny	Dr. Prabha Singh	Development of combinatorial NSAID and phytoconstituent nano-formulation for synergistic anti-inflammatory effect in Rheumatoid arthritis	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
24	Ms. Shah Jil Dhaval	Dr. Prabha Singh	Intranasal administration of insitu gel for anti-migraine activity	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
25	Mr. Vasowala Taher (Final Round Selection)	Dr. Munira Momin	Hyaluronic Acid Conjugated Selenium Nanoparticle (HASeNP) Loaded Thermoresponsive Gel in Medicine and Pharmacy	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
26	Mrs. Gokhale Vrushali (Final Round Selection)	Dr Sujata Sawarkar	Novel Targeted Drug Delivery System of Doxorubicin/Gemcitabine targeting Pancreatic Cancer	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
27	Ms. Prabhu Divyashree (3rd Prize)	Dr Munira Momin	Thermosensitive Gel Spray as An Effective Approach To Manage Burn Wounds	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
28	Ms. Shaikh Darakhshan (Final Round Selection)	Dr Munira Momin	Formulation development and evaluation of poloxamer based in situ ocular gel by validated RP-HPLC method	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
29	Ms. Jadhav Mrunal	Dr Tabassum Khan	Topical delivery system for ringworm infection in animals	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
30	Ms. Fernandes Trinette (Final Round Selection)	Dr Sujata Sawarkar	Vaginal Formulation of Quinacrine Hydrochloride and Resveratrol for Cervical Cancer Treatment	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai
31	Ms. Desai Neha (Final Round Selection)	Dr Munira Momin	Selective targeting of brain tumour with metallic nanoparticles	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai

Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
32	Gharat Sankalp Ashok <b>(1st Prize)</b>	Dr. Munira Momin	Development of Nanotechnology based Muco-adhesive buccal Spray for management of Oral Squamous Cell Carcinoma	16th Avishkar Research Convention on 05/05/2022 held by University of Mumbai.
33	Ms. Fernandes Trinette	Dr Sujata Sawarkar	Design and Development of Vaginal System for HIV Prophylaxis	20th International Symposium on Advances In Technology and Business Potential of New Drug Delivery Systems held from 24/06/2022 to 26/04/2022.
34	Dr Manisha Oza	Effect of <i>Trifolium pratense</i> L. extract in animal model of type 2 diabetic nephropathy	Three days 9 <sup>th</sup> international conference on SFEC-2022 by International Congress of the Society for Ethnopharmacology 2022, from 22/04/2022 to 24/04/2022 at JSS College of Pharmacy, Mysuru	Dr Manisha Oza
35	Ms. Kajal Desmukh, Ms. Jayashree Patel & Ms. Ritika Patel	Dr. Vasanti Suvarna, Dr. Sandeep Zine & Dr. Rashmi Mallya	Fiber based Neural Probes: A remarkable approach for Brain Implants	National Science Day (NSD) 2022 Programme on the theme "Integrated Approach in S &T for Sustainable Future" organized by NASI (Mumbai Chapter) and BNCP on 28/02/2022.
36	Ms. Vaishampayan Purva, Mr. Bhanusali Amogh	Dr. Meenal Rane	Living filtration member: Sustainable source in water purification	National Science Day (NSD) 2022 Programme on the theme "Integrated Approach in S &T for Sustainable Future" organized by NASI (Mumbai Chapter) and BNCP on 28/02/2022.
37	Mr. Nilawar Nagesh & Mr. Rushikesh Mali <b>(3rd Prize)</b>	Dr. Tabassum Khan	Extraction and utilization of Hibiscus Flowers extracts as an herbal indicator in acid-base titrations	National Science Day (NSD) 2022 Programme on the theme "Integrated Approach in S &T for Sustainable Future" organized by NASI (Mumbai Chapter) and BNCP on 28/02/2022.

Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
38	Ms. Deepika Tiwari, Mr. Bhunesh Bore and Mr. Chaitanya Bhawar	Dr. Rashmi Mallya	Role of nanotechnology in cosmeceuticals and recent advances	National Science Day (NSD) 2022 Programme on the theme "Integrated Approach in S & T for Sustainable Future" organized by NASI (Mumbai Chapter) and BNCP on 28/02/2022.
39	Ms. Sahaya Nadar	Dr. Tabassum Khan	Identification of newer hits as potential FAK inhibitors using in-silico methods	International Congress on Emerging Trends in Drug Discovery and Development (ICETD3-2022), organized by Birla Institute of Technology, 20/01/2022 to 21/01/2022.
40	Ms. Kaksha Sankhe	Dr. Tabassum Khan	In-silico studies- new hits as potential AK inhibitors in cancer	6th International Conference NIPiCON-IPS 2022 on "Emerging Opportunities and Challenges in Pharmacology and Pharmaceutical Sciences for Drug Discovery and Healthcare Innovations" jointly organized by Nirma Institute of Pharmacy with Indian Pharmacological Society from 17/02/2022 to 19/02/2022.
41	Ms. Mrunal Jadhav	Dr. Tabassum Khan	Design of PLK inhibitors as potential cytotoxic agents"	6th International Conference NIPiCON-IPS 2022 on "Emerging Opportunities and Challenges in Pharmacology and Pharmaceutical Sciences for Drug Discovery and Healthcare Innovations" jointly organized by Nirma Institute of Pharmacy with Indian Pharmacological Society from 17/02/2022 to 19/02/2022.
42	Ms. Greeshma Surendran	Dr Atul Sherje	Development and evaluation of nanofiber-based gel for topical delivery of meloxicam"	20th International e-symposium on advances in technology and business potential of new drug delivery systems of Controlled Release Society (India Chapter) on 24/02/2022 to 26/02/2022.

Sr. No.	Name of the students	Name of the guiding teacher	Topic	Venue and details of the presentations
43	Ms. Anuja Hargude	Dr Atul Sherje	Development and evaluation of mesoporous silica nanoparticles of roflumilast	20th International e-symposium on advances in technology and business potential of new drug delivery systems of Controlled Release Society (India Chapter) on 24/02/2022 to 26/02/2022.
44	Ms. Shaikh Darakhshan Afreen  <b>(Ranked 3rd in other prizes and received 1000/- Amazon gift coupon)</b>	Dr. Munira M. Momin	Formulation Development and Evaluation of Temperature Triggered in Situ Ocular Gel of Ciprofloxacin Hydrochloride and Olopatadine Hydrochloride by the Validated RP-HPLC Method	CRSIC-2022, 20th international e-symposium on "Advances in technology and Business potential of new drug delivery system 24/02/2022 to 26/02/2022
45	Ms. Greeshma Surendran & Ms. Anuja Hargude	Dr Atul Sherje	Green Synthesis of Metal Nanoparticles for several Bio-medical Applications"	National Science Day (NSD) - 2022 Programme on the Theme 'Integrated Approach in S&T for Sustainable Future' organized by NASI (Mumbai Chapter) and BNCP on 28/02/2022.
46	Mr. Kaushal Khade	Dr Atul Sherje and Dr. Maheshkumar Borkar	Mixed Hydrotrophy: An Eco-friendly Ap-proach for Analysis and Formulation of Pharmaceuticals	National Science Day (NSD) - 2022 Programme on the Theme 'Integrated Approach in S&T for Sustainable Future' organized by NASI (Mumbai Chapter) and BNCP on 28/02/2022.
47	Ms. Desai Neha	Dr. Munira Momin & Dr. Tabassum Khan	Synthesis, Development and Characterization of a Temozolomide-Perillyl alcohol Carbamate Loaded Hollow Gold Nanoparticles for the Treatment of Glioblastoma Multiforme by Photothermal Ablation Therapy.	One Day National Webinar on the Annual Meeting of SPS entitled (SIPHA: Saudi International Pharmaceutical Science Meeting and Workshops) held from 25/01/2022 to 27/01/2022

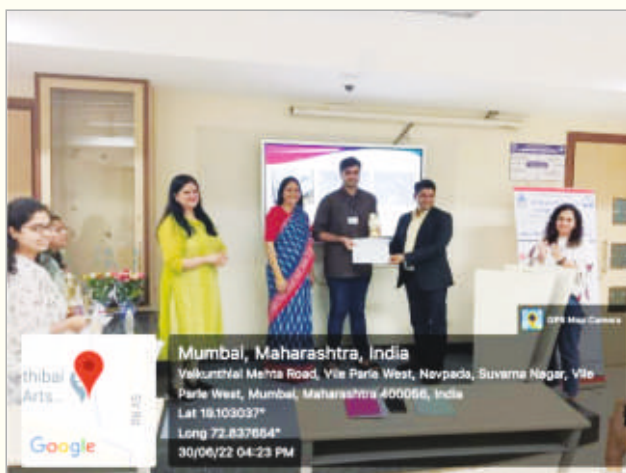


2. Research Colloquium Week for S.Y. M. Pharm students  
College sponsored awards

Poster competition winners	Pharmaceutics department	Pharmacology department	Quality Assurance department
1st prize	Shrutika Gawli	Maneesha Sharma	Arya Nair
2nd prize	Darshana Sakpal	Nirav Bhatia	Manjiri Jalgaonkar
3rd prize	Shriya Karmarkar	Aaliya Ali	Gargi Dixit

Ashland-sponsored oral competition winners

Pharmaceutics department	Shriya Karmarkar
Pharmacology department	Nirav Bhatia
Quality Assurance department	Gargi Dixit



## TRAINING AND PLACEMENTS CELL ACTIVITIES

I] *Industry-Linked Activities:* M. Pharm students Ms. Jayshree Patel, Shreya Ajithkumar, Bhakti Sawant and Drashti Maniyar were selected for internship at Western Commercial Corporation in April 2022.



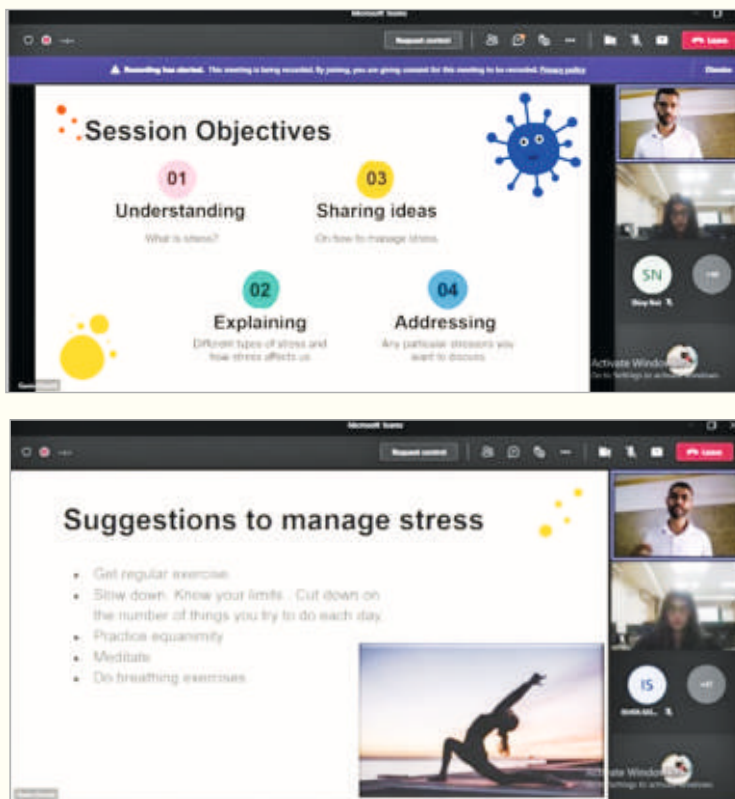
II] *Students Internship:* As a part of B. Pharm curriculum, all students of T.Y B. Pharm students have successfully completed internship.



### III] Sessions organized by placement committee

#### 1) Stress management – Find your balance

The webinar was conducted by **Mr. Gavin Rego** who is a trainer for NLP (Natural language processing) and behavioural skills under the placement cell activity on 10th March 2022.



#### 2) Crimson International – Campus Drive

The placement drive was conducted for B. Pharmacy students in collaboration with Crimson International on 16th April 2022.

The placement drive was conducted for the position of

- A) International Marketing Executive- API division
- B) International Marketing Executive- Formulation division
- C) Sourcing/ Purchase Executive- API division

Crimson international is engaged in exports of pharmaceutical API, bulk drugs, pellets, machinery and finished formulations. It is an international marketing & sourcing company for their well-established clients in the Middle East, North Africa and South East Asia & CIS regions.



#### IV] Students opting for Higher studies



Name of student	Name of institution joined	Name of programme
Bandiwadekar Tejal Suhas	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in RA
Bhanji Shreyas Vikas	Institute of Management Technology, Hapur Road, Raj Nagar, Ghaziabad	MBA
Bhati Anand Nandkishor	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in RA
Bhatt Rati Pranay	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in RA
Chawan Pooja Suryakant	NMIMS; VM Road, Vile Parle West, Mumbai, Maharashtra 400056	MBA
Desai Sonal Amol	The University of Massachusetts Lowell, 220 Pawtucket St, Lowell, MA 01854, United States	MS in Pharmaceutical Science
Gandhi Femi Dharmesh	University College of Dublin, Dublin, Ireland	MSC in Biopharmaceutics
Goswami Pooja Jitendragiri	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in Regulatory Affairs
Hapani Kunali Chetan	The University of Mississippi, School of Pharmacy, USA	MS in Pharmaceutical Science



Name of student	Name of institution joined	Name of programme
Joshi Disha Nitin	Thomas Jefferson University, Woodbury, NJ 08096, United States	MS in Pharmaceutical Science
Koyawala Umang Hiren	The University of Southern California; Los Angeles, CA 90007, United States	MS in Pharmaceutical Science
Mahuwala Mufaddal Abbas	Massachusetts College of Pharmacy and Health Sciences; 179 Longwood Ave, Boston, MA 02115, United States	MS in Pharmaceutical Economics and Policy
Nagda Krupa Devesh	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in RA
Naik Janhavi Surendra	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in RA
Parekh Urja Umesh	Long Island University	MS in Pharmacology
Parikh Juhi Anish	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in Pharmaceutics & Drug Delivery
Parikh Juhi Anish	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in Pharmaceutics & Drug Delivery
Patil Ajinkya Niketan	Queen's University Belfast, Northern Ireland, UK	MS in Pharmaceutical Analysis
Sakpal Srushti Dilip	Queen's University Belfast, Northern Ireland, UK	MS in Industrial Pharmaceutics
Samit Maariya Mustafa	NMIMS; VM Road, Vile Parle West, Mumbai, Maharashtra 400056	MBA
Shah Harshi Urmil	Mudra Institute of Communication Ahmedabad, Gujarat	PGDM
Shah Pritha Keyur	Boston University, School of Medicine	MS-Nutrition & Metabolism
Vishwakarma Abhishek Ashok	Northeastern University; Huntington Ave &, Opera Pl, Boston, MA 02115, United States	MS in RA
Zaveri Trisha Hemant	Queen Mary University of London, Mile End Road, London, UK	MSc in Clinical Drug Development

## GENERAL EVENTS OF THE COLLEGE

1. Azadi Ka Amrut Mahotsav with Theme based on Integration of Traditional Knowledge with Pharma Innovations under the aegis of University of Mumbai with Online essay writing & video documentary making competition on 01/01/2022.



2. “मराठी भाषा संवर्धन पंधरवडा” on 14/01/2022 to 28/01/2022.



3. Library Technical session on “Importance of Copyright and Plagiarism in Research” for Students on 25/01/2022.

2. Ebullience Week from 12/02/2022 to 19/02/2022.

Various cultural, sports, technical and editorial events were organized by students across B. Pharm and M.Pharm. For the first time, students were not competing as inter class competition. Instead, four teams were made including students across classes and they got a great opportunity to interact with students across all years. The four teams were Adrenaline Rushers, Dopamine Dominators, Penicillin Warriors and Melatonin Markers.



5. AUBE Week from 18/01/2022 to 25/01/2022.



6. Rx Igneus 2022 from 11/03/2022 to 13/03/2022.

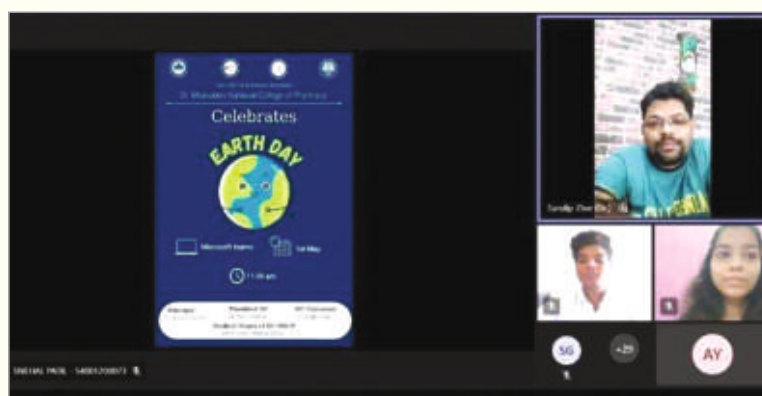
- SVKM's Dr Bhanuben Nanavati College of Pharmacy completed a glorious decade of winning best college trophy for the 10th time at Rx IGNEUS 2022 organized by IPA student forum, IPA-MSB-SF, Mumbai.
- The college bagged, \*'Best Sports', 'Best Cultural', 'Best Editorial', 'Best Participation', 'Best PHO World Health Day Campaign' and was the Runner up for 'PHO Innovative Campaign'\* at Rx IGNEUS 2022 organized by IPA student forum, IPA-MSB-SF, Mumbai



7. Annual Day- AUBE 2022 on 12/04/2022.

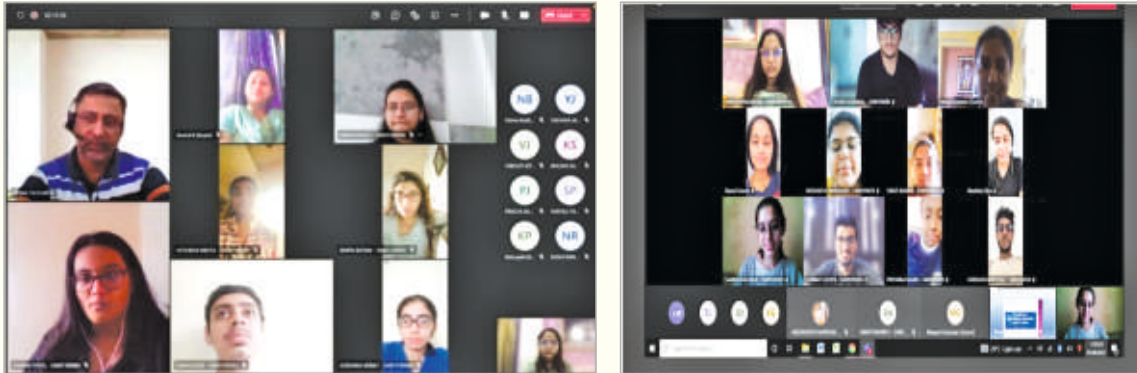


8. World Earth Day was celebrated on 22/04/2022.



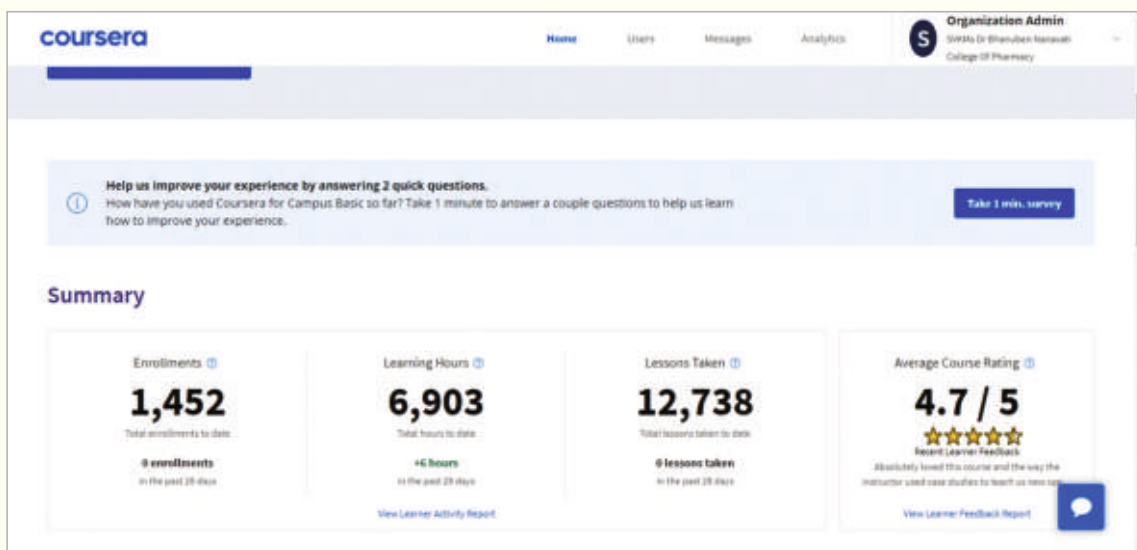
## SHORT TERM CERTIFICATE COURSES

Dr. Gaurav Doshi and Mr. Sankalp Gharat were course coordinator for Pharmacovigilance and Drug Regulatory Affairs courses, respectively. The courses started on 1<sup>st</sup> July 2021 to 30<sup>th</sup> June 2022. The coordinators were involved in organizing Industrial advisory committee meeting, framing the syllabi of both the courses, coordination with visiting faculty. For this academic year, Pharmacovigilance and Drug Regulatory Affairs courses, respectively was in collaboration with Life Sciences Sector Skill Development Council (LSSSDC).



## ONLINE LEARNING PLATFORM OFFERED BY THE COLLEGE FOR STUDENT SKILL ENHANCEMENT AND KNOWLEDGE UPGRADATION

The college offers online learning platform for various courses as per the student's interest. Students get enrolled for the course and accordingly upgrade their skills and knowledge. The screenshot shows the amount of the students who completed online learning for the Academic Year 2021-2022.

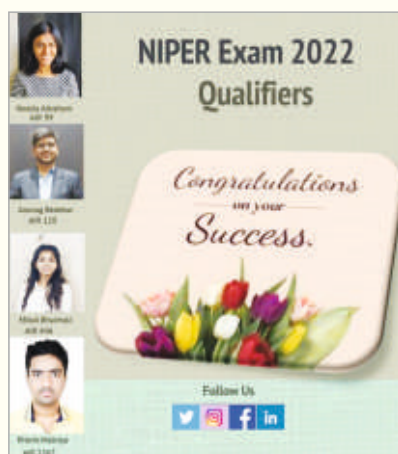


## STUDENTS COMPETITIVE EXAM ACHIEVEMENTS AND SCHOLARSHIP

### 1] GPAT Qualifiers 2022



### 2] NIPER Examination 2022



3] Ms Jethva Palak, Third year B. Pharm student was awarded the Schott Fiolax scholarship from Schott Glass India PVT. LTD for the year 2021-2022.



## DAYITVA SOCIAL SENSITIVITY CELL EVENTS

DAYITVA' conducted various outreach activities whereby they conducted online and offline camps to sensitize the students to social needs of the society. The first major camp of the year 'Ageless Ventures' which was conducted online. This camp aimed at connecting people of old age home to orphanage kids. The second major camp 'Donate-istaan' was one of its kind where for the first time, the college student could connect to remote areas of Tamil Nadu in order to donate COVID essentials. The next camp was an offline camp 'Little Angels' which involved celebrating Christmas with orphanage kids and spreading the joy of festivities.



Ageless Ventures” ~Bonds are made by love not blood



Unnat Bharat Abhiyaan: DONATE-ISTAAN

It was a donation camp providing PPE kits, sanitizers and masks to the people in COVID-19 affected areas. This time the village selected for distribution was in the state of Tamil Nadu.



PAINT THE CAUSE Campaign by Dayitva cell of the college on "Mental Health awareness theme" on 27th February 2022.

On the 31st of May 2022, Dayitva cell organized a webinar regarding hair donation for cancer patients. The event was conducted by our guest speaker Ms. Neelam Gehani. She gave us great insight into the process of hair donation and manufacturing of wigs. On occasion, she addressed the importance of donating hair, which is an easy way to help people who have experienced hair loss due to chemo or other treatments or medical problems. A well-made wig of human hair can boost self-esteem and improve a person's outlook, which goes a long way to helping them manage other symptoms and recover. The session was beneficial and brought awareness about hair donation for a good cause.



BAAL-I-DAAN awareness session by Dayitva cell

## COLLEGE IN SOCIAL MEDIA



PAINT THE CAUSE Campaign by Dayitva cell of the college on "Mental Health awareness theme" on 27th February 2022



LITTLE ANGELS- Dayitva's camp to celebrate Christmas by giving the light of love to children of Little Angel Ashram Orphanage. 26th December 2021



"FROM LIFE TO LIFE" was a camp by PHO where we organized an interactive session for the deaf and mute kids to improve their awareness about healthy lifestyle. 22nd January 2022

*“Learning gives creativity  
Creativity leads to thinking  
Thinking provides knowledge  
Knowledge makes you great.”*

*— Dr. A.P.J. Abdul Kalam*

## EDITORIAL BOARD

Editor : Dr. Gaurav Doshi and Dr. Manisha Oza



Shri Vile Parle Kelavani Mandal's  
**DR. BHANUBEN NANAVATI COLLEGE OF PHARMACY**  
(Affiliated to University of Mumbai, Approved by AICTE, PCI)  
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