

# News Letter

July - December 2022 | Vol. 02 (02)



Visionary Philanthropist:  
**Dr. Ganpat I. Patel**  
President & Patron-in-chief  
Ganpat University

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## About Institute

Settled in the heart of the North Gujarat region and surrounded by a verdant 5-acre land within the 300-acre campus of Ganpat University, the Ganpat University-Shree S.K.Patel College of Pharmaceutical Education and Research (GUNI\_SKPCPER) was set up in 1996 and is recognised as a premier institute of Gujarat and has been ranked among the top on an all-India basis consecutively for the past few years in the NIRF ranking. Aside from PCI approval, the institute holds the distinction of being the first college in Gujarat state to be accredited by NBA-AICTE for its B. Pharm. programme as early as 2003 and recently awarded recognition by Society of Pharmaceutical Education and Research as "Best Innovative Pharmacy College of India. The college has a blend of young and experienced faculty members who are talented and qualified according to PCI standards, experts in novel teaching technologies, and capable of providing the best pharmacy education possible. The faculty and researchers of our institute work on research projects of industrial and national relevance, and the outcomes are being recognised by high-impact international publications, presentations, and patents. Students and faculty attend seminars, workshops, and conferences as a part of continuing education at the national and international level.

The college offers PG programmes in specialisations like Quality Assurance (since 2003), Pharmaceutics (since 2003) and Pharmacology (since 2003) with scholarship to GPAT qualified students. We also offer a Ph D programme in pharmacy.

The college is housed in a building that is an architectural splendor constructed with a futuristic vision, specifically designed to suit the requirements of pharmacy education. This is the only college in Gujarat with an on-premises drug manufacturing facility approved by the Gujarat FDCA for oral solid and liquid sections, where students get real-time exposure to pharmaceutical industry functions. Further, the college campus offers a residential facility for students and staff, a central dispensary, a sports complex, an open-air theatre, a central canteen, a guest house, and a shopping supermarket.

The College is continuously striving to provide globally competent pharmacy professionals aligned with the vision of our Chief Patron, Hon. Shri Ganpat Bhai Patel, our founder President, Hon. Late Shri Anil Bhai T. Patel, and esteemed trustees.

## Vision

Seek, Search and offer programs that lead to symbiotic emergence as 'academic excellence' and 'industrial relevance' in pharmaceutical education and research and focus the image of Pharmacists as competent health care professionals in the community

## Mission

It shall be the constant endeavor of the Mehsana District Education Foundation to meet the educational needs of the youth in the area of professional studies and provide state-of-the-art learning opportunities along with inculcation of values of professional commitment and uprightness.



## COLLEGE ACHIEVEMENTS

### Award:

Ganpat University - Shree S. K. Patel College of Pharmaceutical Education & Research received an award of Most Innovative Pharmacy College of India during the 11<sup>th</sup> International Annual International Conference and Exhibition of the Society of Pharmaceutical Education and Research (SPER) organized at Vivekananda Global University, Jaipur, on 18<sup>th</sup> November, 2022.



### Membership Status

Shree S. K. Patel College of Pharmaceutical Education & Research, Ganpat University, has been admitted as an Associate Academic Member of the Indian Drug Manufacturers' Association (IDMA) for the year 2022-23 with membership number 2996. IDMA provides a common platform to highlight and find solutions to the industry's problems through the active involvement of the institution in the association's activities for your growth and also for the overall development.

### NIRF Ranking

The National Institutional Ranking Framework (NIRF) outlines a methodology to rank institutions across the country which has been accepted by the Ministry of Education, Government of India. GUNI-SKPCPER secured its place in Rank Band: 102-125 in the India Rankings 2022 by NIRF.

## ALUMNI CORNER

### Alumni Journey

As I reflect on my college days, I can't help but agree with the saying, "Degrees are valuable, but good memories are priceless." My time at SKPCPER and Ganpat University was filled with unforgettable experiences and valuable lessons that have shaped me into the person I am today.

To give a little background about myself, I am Kapil Maheshchandra Khambholja, currently serving as the Chief Scientific Officer (CSO) at Genpro Research Inc., a specialty clinical research organization based in Boston. My role as CSO and Global Head for MW, RWE, & HEOR involves a range of responsibilities, from overseeing strategic expansion to driving innovation through AI-ML technologies and managing a high-performing global team. Over the last two decades, I have learned a great deal from my career, but the memories from my college days remain some of the most precious.

I remember when I finished my BPharm from SKPCPER, which marked a significant milestone in my growth journey. Prior to that, I had completed my Diploma in Pharmacy from L. M. College of Pharmacy and had to choose between a government college or a self-finance college. Upon the recommendation of some professors, I decided to join SKPCPER, which was relatively new at the time and the first self-finance college in Gujarat state. The college had an impressive infrastructure, dynamic leadership, excellent faculty, and an upcoming campus, which made me excited to join.

On my first day, the classes were held in the auditorium of the college as the new building was still being set up, and some classes were held alternatively in the laboratories. I still remember the first session taken by Dr. Bhavsar, whom we affectionately call "Dada," as he is the senior-most professor in India. His lecture was visionary, and it set the tone for what was to come in the following years. Dr. M. M. Patel, who had a great vision for bringing change to the pharma education sector in Gujarat and at the

national level, was very active and had built an excellent team of dynamic professors, including Dr. Chaganbhai, who led NSS, and many other faculties who made the college environment enriching, not just from an academic perspective but also for the multifaceted growth of the students. Even the lab assistants were very supportive in many of the activities.

Every day and every month of my college life was a big leap with a lot of learning, starting with the first year. The turning point was the third year of B. Pharm., when the college encouraged students to attend the Indian Pharmaceutical Congress (IPC) held in New Delhi. Out of our class, 32 students travelled to the event, which was the largest ever group tour. We even had multiple posters and presentations, and it was my first national conference poster, which sparked my interest in knowledge sharing, which continues to this day.

Aside from academics, the college provided opportunities to nurture individual hobbies and ideas. As a tech enthusiast and a pharmacy student, I was given the responsibility of developing the college website from scratch, thanks to the trust and guidance of MMPsir. This was a significant responsibility, as having a website was still a premium and forward-looking feature that only a few institutes had at that time. The college provided me with unrestricted access to the whole computer lab facility, and they paid for the web hosting, domain, and all the services I recommended. Our college became the first institute to have built its own website, which was a proud moment for everyone, and the college even organized a special event for the website launch.

Another enriching part of my college life was learning life lessons through experiential learning while doing social work. Students were encouraged to participate in NSS camps and activities. Under the leadership of Dr. C. N. Patel, groups of students would go to nearby villages for a few days, stay with the village people,

and conduct several activities for healthcare awareness, hygiene, and other educational focus areas. Through NSS camps, I felt accomplished while learning important leadership lessons, coordinating between various stakeholders (internal and external), and understanding how getting the work done is difficult but not impossible if we work with the right vision and mission. I was bestowed with the "Best Leader" award during one such camp, which was probably my first-ever award in leadership, and it made a huge impact on how I believed in myself and my learning.

SKPCER was a kind of center of excellence in new-age pharma education and was also equally giving back to the profession. The Indian Pharmaceutical Association (IPA)'s local branch was hosted at our college and was one of the most active branches nationally, doing several activities. I tried to contribute to professional upliftment right from my student days and was elected as the student representative in the executive council of the IPA branch. This was not just testimony to my strengths but also to the vision of the college in providing a platform for the youth to share their ideas and learn from other stalwarts. This journey continued even after I left SKPCER, and ultimately, I became one of the founding members of a national-level students' body called the IPA Students Forum, which was inaugurated by none other than His Excellency, the President of India, Dr. APJ Abdul Kalam.

Another important turning point was in my fourth year of pharmacy when we had to choose an elective topic for a dissertation, and my guide, Dr. Avani, allowed me to choose a topic that was outside the pharmaceuticals core subject given to me. We continued researching and comparing regulations for pharmacy education and certification across different countries, and this experience allowed me to learn and understand different healthcare systems, regulations, and policies across the globe. This was a

valuable learning experience that would not have been possible without the support of my professors and the college. This project was well received by the regulatory fraternity globally, and I was astonished to receive an invitation to present my findings at the International Pharmaceutical Federation's (FIP) global congress held in Sydney, Australia. It was a proud moment for me, my parents, my teachers, and my college that I was one of the three recipients globally for the special fellowship for the congress and could represent India on the global platform, sharing our research findings and suggestions, which ultimately led to harmonization of pharmacy education and certification globally.

These extra-curricular and co-curricular activities provided me with a solid foundation on which my career is built. Not just these, I was fortunate to learn from some of the best teachers of that time and received two gold medals for my academic performance in the final year of my B. Pharm and secured 2<sup>nd</sup> rank in the entire university.

The FIP conference in Sydney was a life-changing event, and I was receiving offers to join the industry there, but I decided to come back and continue my higher education. I did my MPharm from another reputed institute, KM Kundanani College of Pharmacy, secured rank in the department, and received an academic scholarship from the Tata Foundation. While I wanted to finish my PhD in continuation, I had to choose between IIT-Mumbai and UDCT, both premier institutes, and decided to register for my PhD at UDCT, where I worked for some time as a Senior Research Fellow.

Once again, life took a turn, and I received an invitation to come back to my alma mater, this time as a faculty member! I wasted no time and decided to come back and serve the institute, which provided me with a solid foundation. It was a tough decision to leave the UDCT PhD seat, but probably another one that changed my life further. While working as a

faculty member, I could share my learnings, continue my PhD, and also work alongside great faculty members in nurturing future pharmacists, researchers, and entrepreneurs. As I see now, a lot of my students are making us proud by being successful in the many diverse domains where they work and operate globally. Being in academia, teaching was core, and additionally, we also did some good industry collaborative research work through the PG students, providing them exposure to industry-oriented projects and solving some real-life problems. I was also given additional responsibility as "R&D Coordinator" for the institute. We also strengthened our alumni association, where I was one of the conveners for the state-level event called Pharma Guj Fest with the purpose of encouraging students to take the lead in planning and organising such mega events.

I have captured several of those moments and shared a few pictures to fellow alumni and students...

Over the course of years, the campus received statutory university status and was named "Ganpat University". I was fortunate to contribute to the university's campus development and was invited to be part of the university's core IT committee, which builds large-scale ERP and many other initiatives. I was also part of several events, and I recall one event where Hon. Narendra Modi, then CM of Gujarat State, was invited to the campus and I was part of the host committee. Overall, the second stint with the institute was as enriching as the first one.

In yet another turning point, I received an invitation from Novartis HR that I had been shortlisted for a role on a growing team as part of their global regulatory medical writing group. This was the start of my corporate career, and I was fortunate to see all phases of drug discovery and development, right from crystallisation (of synthetic or natural origin) in our college laboratories to clinical research and market launch through global development programmes run

by global pharma. The growth story continued from there, with multiple roles of increasing responsibilities and learnings through contributions to multiple departments and therapeutic areas. My passion for science and doing innovative things continued all across where I could do my bit to facilitate various regulatory submissions, maintain drug safety portfolios, or build innovative AI-ML-backed platforms to accelerate enabling services.

Overall, SKPCPER and Ganpat University played a crucial role in my personal and professional growth. All the support, guidance, and competition at the organisation prepared me well for the future, which keeps taking new turns every time with more fulfilling roles, and I am thankful from the bottom of my heart to everyone at SKPCPER and GUNI and am sure of the success of the university for generating future-ready professionals as always.



## **Kapil Khambholja**

*M. Pharm., Ph. D.*

B. Pharm. (Batch 1999-2003)

Ph. D. - Ganpat University (2010)

Cheif Scientific Officer (CSO)

Genpro Research Inc., Boston, USA

## **Alumni Achievement**

One of our esteemed alumni Mr. Vaibhav Gajjar (B. Pharm.-Batch 2015-19) becomes Director of Students Affairs at Student Government Association, Wright State University, USA.

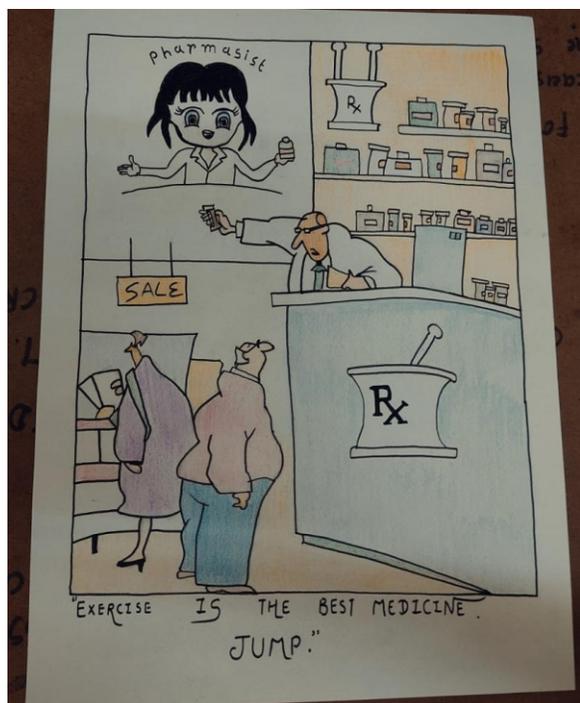


## **Mr. Vaibhav Gajjar**

B. Pharm.-Batch 2015-19

## STUDENTS CORNER

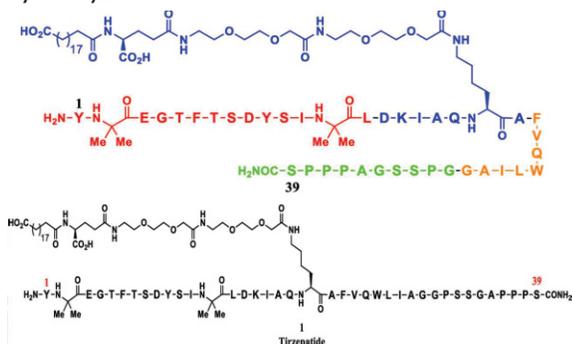
### Pharmatoon



By Naitik Suthar (B. Pharm. Sem. VIII)

### Who am I?

- I am New Born for treating Type 2 Diabetes Mellitus.
- I was created on 09/06/2021 by Eli Lilly and Company, Indiana, USA and approved by USFDA in May of 2022 to serve humanity.
- I am identified by CAS - 2023788-19-2 number.
- My body structure is:



- I have  $C_{225}H_{348}N_{48}O_{68}$  atoms in my body. I am a synthetic peptide consisting of 39 amino acid residues.
- My weight is 4813.4514 g.mol.
- My class is Antidiabetic agent GLP-1 receptor agonist used in Type 2 Diabetes Mellitus.
- My efficacy is Antidiabetic, Gastric inhibitory polypeptide receptor agonist, Glucagon-like peptide 1 (GLP-1) receptor agonist.
- I am an agonist of human glucose-dependent insulinotropic polypeptide (GIP) and human glucagon-like peptide-1 (GLP-1) receptors, whose amino acid residues at positions 2 and 13 are 2-methylAla, and the C-terminus is amidated Ser. A 1,20-icosanedioic acid is attached to Lys at position 20 via a linker which consists of a Glu and two 8-amino-3,6-dioxaoctanoic acids.
- I am sold under the name Mounjaro.
- I am used in injection form with 5 ml capacity in 2.5, 5, 7.5, 10, 12.5 and 15 mg strength once in a week and given by subcutaneous route
- I also cause some unwanted effects like nausea, vomiting, diarrhea, decreased appetite, constipation, upper abdominal discomfort and abdominal pain.

My name is Tirzepatide

By Abu Ubed Talha (B. Pharm. Sem. IV)

## FACULTY ACHIEVEMENTS

### Best Professor Award

Dr. Bhupendra G. Prajapati, Professor, GUNI-FOP awarded Best Professor and also secured second prize in an oral research work presentation on "Repositioning Inhalational therapy with the aid of solubility enhancement of Ivacaftor by formulating a Nanosuspension using factorial design" in "PRISAL International Conference & Award Conclave 2022, Theme: Expanding Multidisciplinary Approach for Healthcare & Wellbeing" dated 8<sup>th</sup>-9<sup>th</sup> December 2022, at Hotel Ambassador, Bangkok, THAILAND.



### Resource person/ lecturers deliver/ oral poster presentations

Dr. Geeta K Patel acted as Judge in GUNI Student Research Convention (SHODH) 2022-23 organized by Ganpat University on 31<sup>st</sup> December 2022.



Dr. B.G. Prajapati delivered a talk on, "Solid lipid nanoparticle: Formulation, characterization and application in a webinar organized by Parul Institute of Pharmacy on 30<sup>th</sup> December, 2022.

Prof/Dr. Bhupendra G Prajapati delivered keynote presentation on "Nanoemulsion concept for water-poor soluble anti-cancer drugs to improve therapeutic benefit" at the 26<sup>th</sup> International Conference on Advanced Nanoscience and Nanotechnology held during December 05-06, 2022 in Dubai, UAE.



Dr. B.G. Prajapati, invited as resource person in GUJCOST-DST, sponsored a two days national seminar on Glimpses of recent advances in pharmaceutical sciences organized by Shree B. M. Shah College of Pharmaceutical Education & Research, Modasa on 17<sup>th</sup> December, 2022.



Dr. Bhupendra G. Prajapati delivered Excellent oral presentation on "Formulation and in vivo bioavailability studies of lipid nanoparticles of anticancer agent" at the "6<sup>th</sup> International Conference on Nanomedicine and Nanotechnology" held during September 21, 2022 in London, UK.

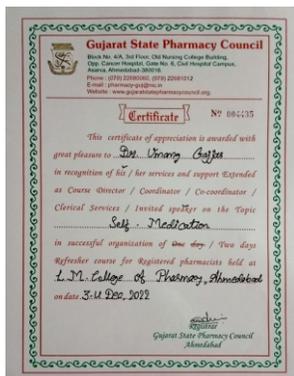


Dr. Umang Gajjar delivered an expert Lecture on "Self - Medication" during Two Days Refresher Course for Registered Pharmacist at ITM School of Pharmacy, Vadodara on 28.08.2022.

Dr. Umang Gajjar delivered an expert Lecture on "Self Medication – its impact" during Two Days Refresher Course for Registered Pharmacists at APMC Pharmacy College, Himatnagar on 16.10.2022.

Dr. Umang Gajjar delivered an expert Lecture on "Self Medication and its advantages, disadvantages" during a Two Days Refresher Course for Registered Pharmacists at L. M. College of Pharmacy on 03.12.2022.

Dr. Umang Gajjar delivered an expert Lecture on "Self Medication – its impact" during Two Days Refresher Course for Registered Pharmacists at Shree S. K. Patel College of Pharmaceutical Education and Research on 17/12/2022.



## Special Recognition

Prof. S. S. Pancholi has been nominated as joint secretary of Central Council of Society of Pharmaceutical Education and Research (SPER), India.

Dr. Paresh Patel is nominated as a president of Society of Pharmaceutical Education and Research (SPER), Gujarat State Branch.



**Dr. S. S. Pancholi**  
Shree S. K. Patel College of  
Pharmaceutical Education and  
Research, Ganpat University, Mehsana

**Joint Secretary**



**Dr. Pareshkumar U. Patel**  
Shree S. K. Patel College of  
Pharmaceutical Education and  
Research, Ganpat University, Mehsana

**President**

## Poster Presentation Award

Mr. Paul Rodrigues secured 2<sup>nd</sup> position in poster presentation at GUJCOST sponsored Two Days National Seminar on "Quality by Design using Design Experiment" organized by SKPCPER from 26<sup>th</sup>- 27<sup>th</sup> July 2022. His topic of presentation was "Formulation, Optimization & Evaluation of Nanosuspension comprising dolutegravir sodium for HIV therapy"



Dr. Geeta K Patel acted as mentor on a project entitled, "Medicated Pastilles: A Suitable and Acceptable Platform Formulation for Pediatric Use" in GUNI Student Research Convention (SHODH) 2022-23 organized by Ganpat University on 31<sup>st</sup> December 2022. (Got First Prize in category SH-05- Pharmacy, Health Sciences, Dairy Science and Allied subject).



## Grant Received:

Dr. S. S. Pancholi has received Rs. 15000/- grant from GUJCOST-DST, Gandhinagar for organizing two days International conference on Food, Agriculture, Science and Technology (INCOFAST) during 2<sup>nd</sup> - 3<sup>rd</sup> December, 2022.



Theme

**Innovative Practices in  
Food Processing and Testing**

**2 & 3 December, 2022**

## STUDENT ACHIEVEMENTS

A team of B. Pharm. Sem. VIII students, Tanvi Gandhi and Patel Malvika Jatinbhai, have won second prize in an oral presentation on evaluation and development of herbal lozenges at Start Herb: Journey from Innovation to Entrepreneurship, organized by D. Y. Patil, Deemed to be University, School of Pharmacy, Navi Mumbai, and Association of Pharmaceutical Research on October 14–15, 2022.



Patel Kunj of B. Pharm. Sem. VI has won second prize in oral presentation on Polyherbal Blended Papaya based Jam for Pediatric and Geriatric Patients at Start Herb: Journey from Innovation to Entrepreneurship organized by D. Y. Patil Deemed to be University, School of Pharmacy, Navi Mumbai and Association of Pharmaceutical Research on 14<sup>th</sup> - 15<sup>th</sup> October 2022 and also presented a poster entitled as "The nutritional composition of polyherbal papaya jam for pediatric and geriatric patients" in GUJCOST, DST sponsored National Seminar on Integration of herbal medicines & Nutraceuticals with Modern Medicines to Combat Future Pandemics & State Convention of Society of Pharmacognosy (Gujarat Chapter) on 25<sup>th</sup> - 26<sup>th</sup> November 2022 organized by School of Pharmacy, ITM (SLS) Baroda University, Vadodara, Gujarat.



B. Pharm. Sem. VII students, Shruti Mewada and Aarya Bhatt got second rank in Rangoli Competition in the celebration of National Mathematics Day 2022 organized by the Department of Mathematics, Ganpat University on 22<sup>nd</sup> December 2022.



Patel Hit Harshadbhai (B. Pharm. Sem. VIII), Patel Yash Prahaladbhai (B. Pharm. Sem. VIII), Patel Prachi Rakeshbhai (B. Pharm. Sem. VIII) and Niya Bhaveshkumar Patel (B. Pharm. Sem. IV), have won 2100/- cash prize in online Gujarat Gyan Guru Quiz (G3Q) 2023.



## PLACEMENTS 2022

The students of GUNI-SKPCPER have regularly updated their skill set to match the demands of and be placed in different departments of industries of repute. This year, many companies conducted interviews with our students and recruited them for different departments. Many companies of merit, such as Emcure Pharma, Sun Pharma, Torrent Pharmaceuticals Ltd., Zydus Lifesciences, Troikaa Pharma, Biomatrix Healthcare, Veeda Clinical Research, Parexel International, East India Pharma, NBS Pharma, Ratnaris Pharma, etc., conducted interviews and hired our students. Our students could shine through the interview process and secure jobs.

More than 20 companies are regularly affiliated with GUNI-SKPCPER and conduct interviews regularly to hire suitable workforce meeting their needs.

Glimpses of UG and PG students placements in various companies of Batch - 2022



**Unnati Patel**

Torrent Pharma Ltd.  
(M. Pharm., QA) - 2022



**Riya Patel**

Veeda Clinical Research  
(M. Pharm., QA) - 2022



**Richa Patel**

Veeda Clinical Research  
(M. Pharm., QA) - 2022

Total UG &  
PG students  
recruited in  
different  
companies  
**37**



**Karm Prajapati**

Zydus Lifesciences Ltd.  
(M. Pharm., QA) – 2022



**Chilakapalli Shirisha**

Anthea Pharma. Pvt. Ltd.  
(M. Pharm., PC) – 2022



**Anjali Chandwani**

Parexel International Pvt. Ltd.  
(M. Pharm., PC) – 2022

Total  
companies  
recruited our  
students  
**26**



**Jimit Modh**

Troikaa Pharma. Ltd.  
B. Pharm. - 2022



**Haridas Pawar**

East India Pharma Ltd.  
B. Pharm. - 2022



**Shreya Thakar**

Ratnaris Pharma. Pvt. Ltd.  
B. Pharm. - 2022

Highest  
Salary  
**3.8 LPA**

Average  
Salary  
**2.6 LPA**

## PUBLICATIONS

- Patel Geeta K., Patel Jayant have published "Formulation and evaluation of liquisolid compacts of rivaroxaban" at SCOPUS indexed Journal- JETIR (Vol.-9(7), Jul.-2022, P-52-162)
- Prajapati Bhupendra G., Prajapati, Bhavesh B., Rathod Sapna have published "Analytical method development and validation for Quantification of exemestane in nanoemulsion by rphplc" at Indian drugs (Vol.-59(7), Jul.-2022, P-60-64)
- Bhura Nancy, Gupta Pawan, Gupta Jeena have published "Target-based in-silico screening of basil polysaccharides against different epigenetic targets responsible for breast cancer" at Journal of receptors and signal transduction (Vol.-42(4), Jul.-2022, P-01-10)
- Patel Satish A., Patel Riya N have published "Development and validation of first order derivative spectrophotometric method for simultaneous estimation of escitalopram oxalate and clonazepam in tablet dosage form" at World journal of pharmacy and pharmaceutical sciences (Vol.-11(8), Aug.-2022, P-1153-64)
- Patel Satish A., Raval Bhargav J. have published "Spectrophotometric method for simultaneous estimation of terbutaline sulphate and bromhexine hydrochloride in tablet dosage form" at World journal of pharmacy and pharmaceutical sciences (Vol.-11(8), Aug.-2022, P-1933-44)
- Moni S.S., Sultan M.H., Pancholi S.S. have published "Physical characterization and wound healing properties of zamzam water" at Brazilian journal of biology (Vol.182, Aug-2022, P-1-11)
- Patel Jayendra, Patel Rakesh have published "Self regulated anti overdose crush and extraction resistant drug delivery system to combat opioid overdose crisis" at AAPS pharmscitech (Vol.-23(265), Sep.-2022, P-01-11)
- Patel Satish, Baria Dharmendra have published "Validated thin-layer chromatography method for simultaneous determination of sulfacetamide sodium and hydrocortisone acetate in the ophthalmic formulation" at SSC plus (SSC plus)
- Thacker Krupali A., Prajapati Bhupendra G have published "Development, optimization and characterization of sterically stabilized liposomes of irinotecan" at IJPSDR (Vol.-14(5), Sep.-Oct.-2022, P-541-549)
- Prajapati Bhupendra G., Patel Ara, Varia Umang have published "Formulation and evaluation of zolmitriptan loaded nano-structured lipid carriers for effective treatment in migraine" at IJPSN (Vol.-15(5), Sep.-Oct.-2022, P-6120-30)
- Tripathi Rina, Alqahtani Saad S., Pancholi S.S., have published "Evaluation of depression, anxiety, and stress among university healthcare students" at Journal of applied pharmaceutical science (Vol.-12(10), Oct.-2022, P-078-087)
- Prajapati Bhupendra G., Patel Dipesh, Khunt Dignesh M., have published "Role of quality design for the optimization of push pull osmotic pump of s-metoprolol succinate" at Indian drugs (Vol.-59(10), Oct.-2022, P-30-42)
- Akash Kumar, Prajapati Bhupendra G., Pramanik Jhiliam have published "Prebiotics as adjunctive therapy in diabetes: a review of prebiotics in diabetes" at Current Nutraceuticals (Vol.-3(3), Oct.-2022, P-01-11)
- Patel Kalpesh N., Gajjar Umang H., Patel Paresh U., Pancholi S.S. have published "Development and validation of RP-HPLC method for simultaneous estimation of haloperidol and trihexyphenidyl hydrochloride in tablet dosage form" at Asian journal of pharmaceutical analysis (Vol.-12(4), Oct.-Dec.-2022, P-253-257)

- Prajapati Bhupendra G., Prajapati Bhavesh, Khunt Dignesh have published "In-Vivo Pharmacokinetics Study of Exemestane Hydrochloride Self-nanoemulsifying Drug Delivery Systems via Oral Route" at Letters in applied nano-BioScience (Vol.-12(4), Oct-Dec. 2022, P.-01-06)
- Choudhury Antara, Patel Nikunjana have published "Isolation and characterization of -sitosterol from the flowers of bastard oleaster (Elaeagnus latifolia Linn.)" at Journal of applied sciences (Vol.-22(6), Nov.-2022, P.-323-328)
- Bhattacharya Sankha, Sharma Satyam, Prajapati Bhupendra G. have published "Development of D- - Tocopherol polyethylene glycol 1000 succinate fabricated nanostructural lipid carrier of sorafenib tosylate for metastatic colorectal targeting application: Stability, physical characterization, cytotoxicity, and apoptotic studies against SW48 cells PTEN" at Frontiers in Oncology (Vol.-12(1), Dec.-2022, P.-01-20)

## Book Chapter-2022

Sn.	Authors	Name of book	Book Chapter	Publisher
01	Pancholi S.S., Setia Aseem, Singhai Manu, Chaudhary Atul	Nanoparticle and Nanocarrier based Pharmaceutical Formulation	Nano Carrier based targeted delivery in cancer	Bentham Science Publishers, UAE, ISBN No.- 978-981-5049-79-4, P.-197-229
02	Prajapati Jigna B., Prajapati Bhupendra G.	Clinical Decision Support System Braced with Artificial Intelligence: A Review	Proceeding of Third International Conference on Image Processing and Capsule Networks (ICIPCN 2022)	Springer, Cham ISBN No. 978-3-031-12413-6 Vol.-514, P.-531-540

## Presentation by staff and students

- Mr. Paul Rodrigues had presented on "Formulation, Optimization & Evaluation of Nanosuspension comprising dolutegravir sodium for HIV therapy" at GUJCOST sponsored Two Days National Seminar on "Quality by Design using Design Experiment" organized by SKPCPER from 26<sup>th</sup> – 27<sup>th</sup> July 2022.
- Jaya Patel had presented on "Development and Optimization of Topical Polyherbal Gel by using Design of Experiments" at GUJCOST sponsored Two Days National Seminar on "Quality by Design using Design Experiment" organized by SKPCPER from 26<sup>th</sup> – 27<sup>th</sup> July 2022.
- Tanvi Gandhi had presented on "Moringa Lozenges: An Innovation to Kill the Iron Deficiency" at GUJCOST sponsored Two Days National Seminar on "Quality by Design using Design Experiment" organized by SKPCPER from 26<sup>th</sup> – 27<sup>th</sup> July 2022.
- Hemanshi Panchal had presented on "Datescrub: A Best Out of Waste Natural Face Scrub" at GUJCOST sponsored Two Days National Seminar on "Quality by Design using Design Experiment" organized by SKPCPER from 26<sup>th</sup> – 27<sup>th</sup> July 2022.

- Dr. Geeta Patel had presented on "Development and Characterization of Novel Mucoadhesive Bigel of Triamcinolone Acetonide for the treatment of Aphthous Stomatitis" at 25<sup>th</sup> Annual National Convention of the Association of Pharmaceutical Teachers of India 2022 (25<sup>th</sup> APTICON-2022) at JSS College of Pharmacy, Mysuru from 2<sup>nd</sup> – 4<sup>th</sup> September 2022.
- Dr. Bhupendra G. Prajapati had presented on "Formulation and in vivo bioavailability studies of lipid nanoparticles of anticancer agent" 16<sup>th</sup> World congress on Spine & Orthopedics and 14<sup>th</sup> International conference on Alzheimers & nanomedicine in London, UK, during 21-22<sup>nd</sup> September 2022.
- Mr. Akshay Parihar had presented on "Nanoemulsion approach to negotiate parochial barriers for pulmonary drug delivery using factorial design at SPARK2022 National conference sponsored by DBT was organized at Guru Gobind Singh College of Pharmacy, Yamunanagar from 25-26<sup>th</sup> November 2022. He received the 1<sup>st</sup> Prize.
- Ms. Ami P. Patel had presented on "Alternative of Pulses and Grains Preservation" at the International Conference on Food, Agriculture, Science and Technology INCOFAST 2022 organized by Ganpat University during 2<sup>nd</sup> – 3<sup>rd</sup> December 2022.
- Dr. Bhupendra G. Prajapati had presented on "Nanoemulsion concept for water-poor soluble anti-cancer drugs to improve therapeutic benefit" at 26<sup>th</sup> International Conference on "Advanced Nanoscience and Nanotechnology" at Dubai- UAE, on December 05<sup>th</sup> -06<sup>th</sup>, 2022.
- Dr. Bhupendra G. Prajapati had presented on "Repositioning inhalational therapy with the aid of solubility enhancement of ivacaftor by formulating and optimizing a nanosuspension using an FD." at International Conference on "Expanding Multi-Disciplinary Approaches for Healthcare & Well-being" at Ambassador Hotel, Bangkok, Thailand from 8<sup>th</sup> – 9<sup>th</sup> December 2022. He received the 2<sup>nd</sup> Prize.
- Dr. Satish A. Patel had presented on "A novel HPTLC method for the estimation of triamcinolone acetonide budesonide, beclomethasone, mometasonefuroate and fluticasone propionate in various nasal sprays using mobile phase." International Conference on "Pharmaceutical Chemistry (ICPC-22)" at Sharjah, UAE from 29<sup>th</sup> – 30<sup>th</sup> December 2022.
- Mrs. Sumita Bardhan had presented on "Development and Stabilization of Liquid formulation of Plasma Proteins for Rare Diseases" International Conference on "Pharmaceutical Chemistry (ICPC-22)" at Sharjah, UAE from 29<sup>th</sup> – 30<sup>th</sup> December 2022.
- Mr. Hardik Chaudhari had presented on "Production of Mixed Butter Using Soybean and Peanut with Different Technological Treatments" International Conference on "Pharmaceutical Chemistry (ICPC-22)" at Sharjah, UAE from 29<sup>th</sup> -30<sup>th</sup> December 2022.

## PROGRAMS ORGANIZED BY INSTITUTE

Online National Webinar on “Promising Opportunities for Pharmacy / Science Graduates” organized by SKPCPER & CHAS on 6<sup>th</sup> July, 2022. The program was co-ordinated by Dr. S.A.Patel, Professor & Dr. Kalpesh Patel & Ms. Riddhi Jani, Asst.Prof. Total 235 Participants were registered and 185 participants attended this program.



One Day Workshop on “Applications of Design of Experiments and Statistics in Pharmaceutical Sciences” organized by GUNI-SKPCPER on 22<sup>nd</sup> July, 2022. The program was co-ordinated by Dr. P. U.Patel, Professor & Dr. Kalpesh N.Patel, Dr. D. B. Patel, Asst.Prof.. Total 57 Participants attended this program.



One Week Workshop on “Hands-On Training on Computer Aided Drug Design and Discovery Tools” sponsored by SERB was held on 11<sup>th</sup> – 17<sup>th</sup> July, 2022. The program was coordinated by Dr. Pawan Gupta, Asst. Prof. Total 25 participants attended this program. We received a grant of Rs. 5 lakhs from SERB for the same.



Two days National Seminar on “Quality by Design using Design of Experiment” sponsored by GUJCOST, Gandhinagar & DST organized by SKPCPER during 26<sup>th</sup> – 27<sup>th</sup> July, 2022. The program was coordinated by Dr. R. P. Patel, Professor. Total 61 Participants were attended this program.



“Career Counseling Seminar for Abroad Studies” organized by SKPCPER on 29<sup>th</sup> July, 2022 for B.Pharm. & M.Pharm. students. The experts of the program were Mr. Hardik Patel, Director Sky Sail, Immigration, Brampton, Ontario, Canada and Mr. Salin Patel, Manager, SkySail, Immigration, Ahmadabad. The program was co-ordinated by Dr.G.K.Patel, Asst.Prof.. Total 67 Participants attended this program.



International Conference on Food, Agriculture, Science and Technology (INCoFAST 2K22) on “Innovative Food Practices in Food Processing and Testing” sponsored by GUJCOST, Gandhinagar organized by SKPCPER during 2<sup>nd</sup> – 3<sup>rd</sup> December, 2022. The program was coordinated by Dr. S. S. Pancholi, Principal. Total 170 Participants were attended this program.



“Career Counseling Session – GCP: An Overview” organized by SKPCPER on 5<sup>th</sup> August, 2022 for B.Pharm. & M.Pharm students. The expert of the program was Dr. Hema Savale, Clinical Research Consultant, Ahmedabad. The program was coordinated by Dr. S. A. Patel, Professor. Total 106 Participants were attended this program.



One Week Faculty Development Program (FDP) on “Outcome Based Education ” organized by IQAC Cell, GNU-SKPCPER during 10<sup>th</sup> – 16<sup>th</sup> September, 2022. The program was coordinated by Dr. S. S. Pancholi, Principal & Dr. P. U. Patel, Professor. Total 30 Participants were attended this program.



Two Days Refresher Course for Registered Pharmacist sponsored by Gujarat State Pharmacy Council, Ahmedabad (GSPC) at the college during 17<sup>th</sup> – 18<sup>th</sup> December, 2022. The program was coordinated by Dr. D. B. Patel & Dr. Umang Gajjar, Asst. Prof. Total 300 Participants attended this workshop.



Workshop on “Life & Activity of Women Development Cell / Gender Sensitization Cell 2022” organized by Women Development Cell, SKPCPER on 22<sup>nd</sup> December, 2022 for newly admitted students of Shree S. K. Patel College of Pharmaceutical Education and Research, Ganpat University.



## EXTENSION ACTIVITIES

Total 90 students of B. Pharm visited the College of Horticulture and Seed Spice Research Station, Jagudan, Mehsana on 22.09.2022. and during the visit they were interacted with officials of industry and gain the knowledge of various techniques of isolation of volatile oil and their quality control parameters.



Industrial visit Gujarat Print Pack Publications Private Limited, Mehsana on 18.10.2022 along with students of Semester III B. Pharm. Mr. Paul Raudrics, Dr. Umang Gajjar and Ms. Janvi Doshi mentored this visit.



Industrial visit of B. Pharm. Sem VII students to Emcure Pharmaceutical Private Limited, Adalaj, Gandhinagar and Krigen Pharmaceutical Pvt. Ltd. Kalol on 14<sup>th</sup> October 2022.



## CULTURAL ACTIVITY

Navratri Celebration was organized on 24<sup>th</sup> September 2022 and programme coordinated by Dr. Geetaben Patel.



Inter class Puja Thali decoration competition was organized on 24<sup>th</sup> September 2022. Total 15 Participants were participated and Programme Coordinated by Dr. Geetaben Patel.



## SPORT NEWS

In November 2022, our institute proudly participated in the inter-college sports tournament held at Vikram Neil Sports Complex, Ganpat University, Gujarat. The event proved to be exhilarating as our students competed against talented athletes from various institutions. Our girls' badminton team and boys' chess team showcased exceptional skills and dedication, ultimately emerging as champions. It was a remarkable achievement for our department, and we commend our players for their outstanding performance in this challenging yet rewarding experience.



