



**Ganpat
University**

॥ विद्यया समाजोत्कर्षः ॥

Faculty of
Pharmacy

**Shree S.K. Patel College
of Pharmaceutical
Education and Research**

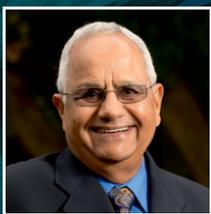
**Institute of
Pharmacy**



News Letter

January-June 2025 | Vol. 05 (01)

skpcper.guni.ac.in
ioph.guni.ac.in



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

Content

Events Organized By Institute	03
Student Achievements	07
Faculty Achievements	08
Faculty Corner	09
Alumni Journey	10
Alumni Talk Series	11
Placements At GUNI-SKPCPER	12
Publications	12
Book Published	15
Book Chapter	15
Industrial Visit	17
Activities @ NSS, GUNI FoP	21
Trending Pharma-News	22
News Media	23

Office Bearers

Dr. Mahendra Sharma
Pro Group Chancellor and Director General

Dr. Rakesh K. Patel
Pro Vice Chancellor

Dr. Girish N. Patel
Executive Registrar

Dr. P. D. Bharadia
Executive Dean-FOP & FOS, Principal, SKPCPER

Dr. Sanjeev Acharya
Principal, IoPH

Dr. P. U. Patel
Associate Executive Dean, FOP

Editors

Dr. Satish Patel, *Professor, Dept. of Pharmaceutical Chemistry*

Dr. Rushiraj Jani, *Associate Professor, Dept. of Pharmaceutics*

Dr. Piyush Dave, *Associate Professor, Dept. of Pharmacology*

Ms. Riddhi Jani, *Assistant Professor, Dept. Pharmaceutical Chemistry*

Mr. Maulin Thakkar, *Assistant Professor, Dept. of Pharmaceutics*

Ms. Mansi Patel, *Assistant Professor, Dept. of Pharmaceutical Chemistry*

Mr. Rahul Sharma, *Assistant Professor, Dept. of Pharmaceutics*

Dr. Prakruti Joshi, *Assistant Professor, Dept. of English*

Editorial Support Team

Dr. Pravin Patel, *Librarian*

Mr. Prakash Prajapati, *Assistant Librarian*

Mr. Nrupesh Patel, *Admin Officer*

Student Editors

Ms. Arya Bhatt (*Bachelor of Pharmacy*)

Mr. Nisarg Patel (*Bachelor of Pharmacy*)

Ms. Disha Prajapati (*Bachelor of Pharmacy*)

Mr. Mitheel Patel (*Bachelor of Pharmacy*)

Mr. Hit Prajapati (*Bachelor of Pharmacy*)

Ms. Arpita Dash (*Bachelor of Pharmacy*)

Mr. Harsh Lukka (*Bachelor of Pharmacy*)

EVENTS ORGANIZED BY INSTITUTE

Two week International Exposure Program with Victoria University, Uganda, Africa, organized during January 20-30, 2025. A total of 08 students and 01 faculty member from Victoria University, Uganda, Africa, were attending this program.



Hands on Workshop on "Simulator for Instrumented Tablet Compression Machine" organised by FOP on February 13, 2025. The expert of the program was Mr. Smit Bhavsar, Director, VB Tech Automation, Ahmedabad. The program was co-ordinated by Dr. R.P. Patel, Professor. A total of 77 students attended this program.



Two day National Workshop on "Analytical Techniques: Spectroscopy & Chromatography" sponsored by GSBTM at the SKPCPER during February 21-22, 2025. The program was co-ordinated by Dr. S.A. Patel, Professor. A total of 81 participants attended this workshop.



A workshop on “Importance of Exercise for Holistic Health” was organized on International Women’s Day by the Women Development Cell, SKPCPER-GUNI on 8th March 2025. The expert of the program was Dr. Himani Patel, Physiotherapist, GUNI-SSIOP. The program was coordinated by Dr. Geeta K. Patel, Asso. Professor. A total of 77 students attended this program.



A one day hands-on workshop on Electronic Common Technical Document (eCTD) was organized for faculty members and students of the Ganpat University-Shree S. K. Patel College of Pharm. Edu. & Research on April 2, 2025. A total of 25 participants (10 faculties + 15 students) have participated in this workshop.



One day National Workshop on “From Lab to Market: Research Strategies for IPR commercialization for Vikshit Bharat 2047” was organized on World Intellectual Property Day by FOP, FOS & Incubation Centre - GUNI on April 26, 2025. The program was coordinated by Dr. P. U. Patel, Professor. A total of 90 participants attended this program.



Guest Lecture on "Innovations in Packaging Technology"

On March 21, 2025, Ganpat University's Faculty of Pharmacy and Science hosted a Distinguished Guest Lecture on "Innovations in Packaging Technology" by Shri R. K. Mishra, IRS. Attended by 192 participants, the session highlighted trends such as sustainable, smart, and eco-friendly packaging. Shri Mishra also discussed future prospects involving AI, ML, and IoT in packaging. The event included a lively Q&A session, allowing students and faculty to gain deeper insights. It served as a valuable platform for understanding the evolving role of packaging technology across industries. The event was coordinated by Dr. Nikunjanaben R. Patel.



A workshop on "Awareness of NABL Accreditation for Testing and Calibration Laboratories" was held on February 10, 2025 jointly organized by the Faculty of Pharmacy and Faculty of Science, Ganpat University. Dr. P. D. Bharadia delivered the welcome address, highlighting the importance of NABL accreditation. Dr. Sanjeev Acharya provided an overview of the workshop, followed by technical sessions by Dr. Bhumi Rajyaguru from NABL, covering accreditation procedures and application processes. The event saw participation from 138 attendees across departments and was coordinated by Dr. Nikunjanaben R. Patel and Dr. Priti Patel.



Faculty of Science | Faculty of Pharmacy





Gujarat - India

Workshop on

Awareness of NABL Accreditation for Testing and Calibration Laboratories

Eminent Trainer :

Dr. Bhumi Rajyaguru

Jt. Director
NABL, QCI Ahmedabad

10th February, 2025
10:30 AM to 01:00 PM (IST)

RSVP:
+91-9429319611 / 9909755691

www.guni.ac.in



Venue:
SKPCPER Seminar hall,
Ganpat University



SCAN ME

[G+](#)
[In](#)
[f](#)
[@](#)
[You Tube](#)



National Pharmacy Education Day: The Faculty of Pharmacy celebrated National Pharmacy Education Day on March 6, 2025, to honor Prof. M. L. Schroff, the pioneer of pharmaceutical education in India. An Essay Writing Competition was organized on the theme "Entrepreneurship & Startups in Pharma and Pharmacy Practice." A total of 23 students participated, showcasing innovative ideas on the future of pharmaceutical entrepreneurship. Patel Yash Lalitkumar, Patel Yashvi H., and Maru Pranav secured the first, second, and third positions respectively. All participants received certificates of appreciation. The event successfully highlighted the role of innovation and startups in shaping the future of pharmacy.

Report on International Women's Day Celebration (2025): International Women's Day was celebrated at IOPH with two events — an Essay Writing Competition on March 7 and a Poster Making Competition on March 10 2025. The essay competition, themed "Empowered Women, Empowered Communities", saw 34 participants, with Shah Mishri, Sunakshi Sharma, and Patel Preya securing the top three positions. The poster competition, themed "Accelerate Action for Gender Equality", featured 5 participants, and Sathvara Jiya won first place. Both events encouraged creativity and awareness about women's empowerment and gender equality. The celebration successfully highlighted the importance of women's role in building an equitable future.



STUDENT ACHIEVEMENTS

Congratulations to Drashti Patel, Khush Prajapati, and Tirth Patel, outstanding B.Pharm students of the Faculty of Pharmacy, Ganpat University, for successfully qualifying for the GPAT 2025 examination. Your exemplary performance on this prestigious national-level test reflects your relentless dedication, academic rigor, and deep commitment to pharmaceutical sciences. Their achievement not only honors their individual hard work but also highlights the supportive learning environment fostered at Ganpat University. Drashti, Khush, and Tirth have demonstrated excellence across theoretical knowledge and critical problem-solving abilities, setting a high benchmark for their peers. The Graduate Pharmacy Aptitude Test (GPAT) is a national-level entrance exam conducted for admission into postgraduate pharmacy programs in India. It tests candidates on pharmaceutical sciences, ensuring high academic standards. Every year, numerous students from the Faculty of Pharmacy, Ganpat University appear for GPAT with excellent success rates. Their consistent achievements reflect the university's commitment to quality education, experienced faculty, and rigorous academic training. The university takes immense pride in its GPAT qualifiers, who bring recognition through their dedication and excellence. These accomplishments highlight the role of faculties in shaping future pharmacy professionals and promoting a culture of academic excellence. Qualifying GPAT opens doors to advanced opportunities—especially admission into top-tier M.Pharm programs, eligibility for the AICTE-supported postgraduate scholarship scheme offering 12,400 per month for up to 24 months, and a strengthened foundation for cutting-edge research and industry roles. Their success is a source of immense pride for the university community—faculty, mentors, and classmates alike. We extend our heartfelt best wishes to them as they embark on their postgraduate journeys. Their accomplishments exemplify the spirit of perseverance and scholarly excellence that Ganpat University strives to cultivate.

Shalin Parikh, Ph.D. Scholar, actively participated in the 4th International Conference on Unveiling Opportunities in Global Healthcare Landscape: Scientific Advancements, Innovations & Recent Trends (Healthmedicon 2025) organized by Adamas University, Kolkata, held from January 30-31, 2025. The conference provided a dynamic platform for global researchers and scholars to exchange innovative ideas and advancements in healthcare. Shalin Parikh presented insightful research contributing to the evolving scientific discussions in global health. His participation reflected academic excellence and commitment to exploring recent trends and innovations in the healthcare sector. The event encouraged interdisciplinary collaboration and future-oriented research in medical sciences.



#Student Achievement

GPAT 2025 Qualifier *Congratulations...!*



Drashti Patel



Khush Prajapati



Tirth Patel



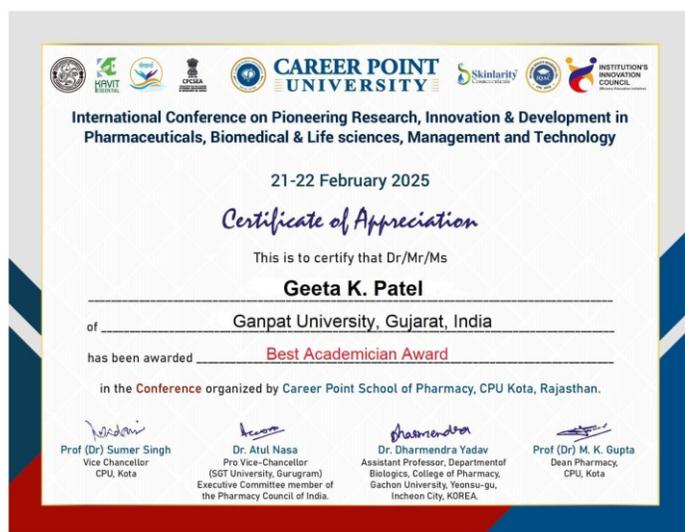
Shruti Mewada and Yashvi Patel secured the 1st Prize in the event Startup Spark – Launch of Business Plan Challenge during the prestigious “Protsahan 2025” International Innovators Excellence Championship. The competition was organized by the Faculty of Management Studies (FMS), Ganpat University (GUNI), on February 21-22, 2025. Their innovative business plan stood out among numerous national and international entries, reflecting creativity, strategic thinking, and entrepreneurial acumen. The event aimed to foster startup culture and innovation among youth. Their remarkable achievement highlights their dedication and excellence in entrepreneurship, bringing pride to their institution and setting a benchmark for aspiring innovators.

FACULTY ACHIEVEMENT

Dr. Paresh U. Patel received the Eminent Teacher Award at the 14th Annual International Conference & Exhibition (SPER 2025) held at NGSM Institute of Pharmaceutical Sciences (NGSMIPS), NITTE (Deemed to be University), Mangaluru on January 24-25, 2025. This prestigious recognition was awarded by the Society of Pharmaceutical Education and Research (SPER) for his outstanding contributions to pharmaceutical education, innovation in pedagogy, and dedication to student development. His commitment to academic excellence and impactful teaching methodologies has significantly influenced pharmacy education. The award highlights his leadership, mentorship, and service in advancing pharmaceutical sciences in India and beyond.



Dr. Geeta K. Patel was honored with the Best Academician Award at the International Conference on "Pioneering Research, Innovation & Development in Pharmaceuticals, Biomedical & Life Sciences, Management and Technology" organized by Career Point University, Kota, Rajasthan on February 21-22, 2025. This esteemed honor acknowledges her outstanding achievements in academic excellence, influential research, and commitment to progress in pharmaceutical and biomedical education. Her achievements were celebrated among distinguished scholars, researchers, and academicians from across the country, reinforcing her position as a leading figure in academia. The award symbolizes her commitment to quality teaching, innovation, and scholarly pursuits.



Ms. Heli Amin was honored with the Best Academician Award at the International Conference on "Pioneering Research, Innovation & Development in Pharmaceuticals, Biomedical & Life Sciences, Management and Technology," held at Career Point University, Kota, Rajasthan, on February 21-22, 2025. The award recognizes her outstanding contributions to academic excellence, research innovation, and dedication to the advancement of pharmaceutical and biomedical sciences. Her recognition at this prestigious platform reflects her continuous efforts to enhance teaching methodologies, mentor students, and contribute to scholarly publications. This accolade reinforces her commitment to fostering academic growth and interdisciplinary development in the pharmaceutical and life sciences domain.

FACULTY CORNER

We are pleased to welcome Dr. Piyush Dave as the Associate Professor and Head of the Department of Pharmacology at Shree S. K. Patel College of Pharmaceutical Education & Research (SKPCPER). Dr. Dave brings a rich blend of academic excellence, research experience, and industrial exposure to his new role.

He earned both his Ph.D. and M.S. Pharm. in Pharmacology and Toxicology from NIPER, S.A.S. Nagar, with research spanning vitamin-based protection in Plasmodium berghei-infected mice and sodium butyrate intervention in STZ-induced cardiomyopathy in rats. Dr. Dave has held academic positions at Gyan Vihar School of Pharmacy, SGVU, Jaipur, where he served as Associate Professor and Assistant Professor. Prior to that, he was a Senior and Junior Research Fellow at NIPER. His industrial experience includes working as a Manufacturing Assistant at Chemo-Drugs, New Delhi. His involvement in academic symposia such as FBR-2015 and the ISHR Annual Conference further highlights his commitment to continuous learning and knowledge sharing. Dr. Dave has contributed to scientific literature with publications such as his article on the neuroprotective effects of epicatechin in Excli Journal (2022). He is also the editor of the book Targeting Epigenetics in Inflammatory Lung Diseases published by Springer Nature, and has authored chapters on biosensors for orthopaedics and non-invasive measurements.

His academic achievements are underscored by multiple fellowships awarded by the Department of Pharmaceuticals, Government of India, including Senior and Junior Research Fellowships and a NIPER Fellowship for postgraduate studies. He has consistently excelled in competitive exams, securing top ranks in NIPER JEE and GPAT across multiple years.

We warmly welcome Dr. Piyush Dave to SKPCPER and look forward to his leadership in advancing the Department of Pharmacology through innovation, research, and academic excellence.



Dr. Piyush Dave

Associate Professor
Department of Pharmacology
GUNI - SKPCPER
Ph: 9501541018
Email: ppd01@ganpatuniversity.ac.in

We are delighted to welcome Ms. Prerana I. Parmar as an Assistant Professor in the Department of Pharmacognosy at Shree S. K. Patel College of Pharmaceutical Education & Research (SKPCPER). A Gold Medallist from Gujarat Technological University (GTU) in the M.Pharm batch of 2022, Ms. Parmar brings a strong academic foundation and a growing portfolio of research and institutional engagement.

Ms. Parmar, former Assistant Professor at Sabarmati and Silver Oak Universities, has led academic development, served as NAAC Criteria Sub-Coordinator, and acted as SPOC for diverse institutional initiatives. Ms. Parmar has published extensively in national and international journals, including SCOPUS-indexed titles, with notable contributions such as a systematic review on nutritional supplements and lifestyle management in PCOS, a comprehensive review on Colocasia esculenta, and advanced analytical studies on Stephania glabra featuring validated HPTLC methods and extraction optimization via response surface methodology. Ms. Parmar has presented papers as a first author at international conferences and has completed multiple Faculty Development Programs (FDPs), including sessions on emerging trends in pharmaceutical education and research methodology using SPSS. She has also attended workshops on Quality Benchmarks in Higher Education and Intellectual Property Rights (IPR) under the "Lab to Market: Vikshit Bharat 2047" initiative. In addition to her academic and research pursuits, Ms. Parmar has completed training under the National Board of Examinations in Medical Sciences, further enriching her interdisciplinary understanding of healthcare and pharmaceutical sciences.

We warmly welcome Ms. Prerana I. Parmar to SKPCPER and look forward to her contributions in advancing the field of pharmacognosy through innovative teaching, impactful research, and active institutional engagement.



Ms. Prerana I. Parmar

Assistant Professor
Department of Pharmacognosy
GUNI - SKPCPER
Ph: 7096154444
Email: pip01@ganpatuniversity.ac.in

We are pleased to welcome Ms. Aarti Verma as an Assistant Professor in the Department of Pharmaceutics at Shree S. K. Patel College of Pharmaceutical Education & Research (SKPCPER). With a solid foundation in pharmaceutical sciences and a growing portfolio of academic and research contributions, Ms. Verma brings valuable expertise to the institution.

Ms. Verma has previously served in academic roles at reputed institutions including Kalka Group of Pharmacy, Meerut, Bharat Institute of Technology, Meerut, and Amarpali Institute of Pharmacy, Haldwani. Her research centers on analytical method development, with her M.Pharm project at IPC Ghaziabad validating RP-HPLC methods for fixed-dose antihypertensive combinations of Amlodipine and Lisinopril. Ms. Verma's work was published in the International Journal of Quality Assurance (September 2020). Ms. Verma has also pursued

professional development through certifications in Medical Coding and Billing (ICD 10 & 11) from ALISON, a Postgraduate Program in Medical Writing from the Henry Harvin Institute, and a Certificate in Diet and Nutrition from the Indian Institute of Skill Development Training.

Her dedication to academic growth and research innovation makes her a valuable addition to the Department of Pharmaceutics. We warmly welcome Ms. Aarti Verma to SKPCPER and look forward to her contributions in advancing pharmaceutical education and fostering a culture of inquiry and excellence.



Ms. Aarti Verma

Assistant Professor
Department of Pharmaceutics
GUNI - SKPCPER
Ph: 7060571927
Email: asv01@guni.ac.in

ALUMNI JOURNEY

Joining Shree S. K. Patel Institute of Pharmaceutical Education and Research for my M. Pharm studies was a deliberate choice rooted in academic ambition and professional clarity. I was a study-oriented individual, and SKPCPER offered the kind of structured, research-driven environment I was seeking. My two years at the institute were marked not by leisure, but by rigorous learning, technological immersion, and scientific growth.

What set SKPCPER apart was its commitment to academic excellence backed by infrastructure. At a time when many institutions struggled with outdated or limited laboratory setups, SKPCPER provided access to advanced equipment and analytical instruments that were rare elsewhere. Whether it was sophisticated dissolution testing systems, high-performance liquid chromatography (HPLC), or pilot-scale manufacturing units, the institute ensured that students could learn not just theory but hands-on industrial practices.

Under the guidance of experienced faculty, I deepened my understanding of formulation development, process validation, and regulatory frameworks. The mentorship I received was precise, patient, and rooted in real-world pharmaceutical applications. Every seminar, lab session, and technical discussion was an opportunity to refine my

thinking and expand my capabilities.

I spent most of my time in the laboratory and library, exploring new technologies and absorbing the nuances of pharmaceutical manufacturing. The institute's emphasis on research methodology and scientific writing helped me develop a strong foundation in documentation and compliance—skills that proved invaluable in my career.

For me, SKPCPER was not just an academic institution—it was a launchpad for technical excellence and professional discipline. Its investment in infrastructure, faculty, and research culture made a lasting impact on my career trajectory.

In one line, I can say, "SKPCPER empowered me with the tools, technologies, and mentorship to become an industry-ready pharmaceutical professional."



Mr. Manish Patel

General Manager
Formulation Development
Intas Pharmaceuticals Ltd.
(M. PHARM. [2003-3005])



ALUMNI TALK SERIES

Sr.	Name of Alumni	Date	Designation	Title
01	Dr. Darshan Modi	16-03-2025	Motivational Speaker & Director, Shiva Health Care Mehsana	Sky is not the limit
02	Dr. Jagatkumar Upadhyay	29-05-2025	L. M. College of Pharmacy, Ahmedabad	Sn1 & SN2 Reactions: Focus on Carbocations and Stability
03	Hardik D. Patel	30-05-2025	Freelancer, GMP Auditor	Change Control Management System in Pharmaceutical Manufacturing

EXPERT TALK SERIES

Sr.	Name of Expert	Date	Designation	Title
01	Mr. Kairav Vadgama	21-01-2025	HR Leader, Kusum Healthcare Pvt. Ltd., New Delhi	Transition from University to Industry: Challenges and Opportunities
02	Mr. Jigesh Mehta	27-01-2025	Training & Placement Manager, Faculty of Pharmacy & Science, Ganpat University.	Bridging the Gap: From Campus to Corporate in Pharmacy
03	Shri. R. K. Mishra	21-03-2025	IRS, Director, Indian Institute of Packaging Add. Director General Foreign Trade, Mumbai	Innovations in Packaging Technology: Trends and Future Outlook
04	Dr. Anil Mahato	05-05-2025	Analytical Scientist Founder and CEO - Quest Analytics, Ahmedabad	Analytical Method Validation: Standards, Strategies, and Success

PLACEMENTS AT GUNI-SKPCPER

Glimpses of Placement Details – (B. Pharm. & M. Pharm.) – Batch 2025



Vishva Patel
Torrent Pharma. Ltd.
(B. Pharm.)



Vishvas Patel
Baxter Pharma. Ltd.
(B. Pharm.)



Ravi Suthar
Farbe Firma Pvt. Ltd.
(B. Pharm.)



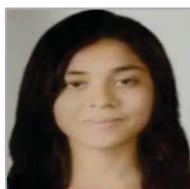
Viral Savaliya
Farbe Firma Pvt. Ltd.
(B. Pharm.)



Khushi Patel
Amneal Pharma. Ltd.
(B. Pharm.)



Vineet Kumar
Amneal Pharma. Ltd.
(B. Pharm.)



Stuti Patwa
Torrent Pharma. Ltd.
(M. Pharm., QA)



Vaibhav Mistry
Intas Pharma. Ltd.
(M. Pharm., PC)



Simran Raj
Orbit Pharma. Ltd.
(M. Pharm., PC)



Ved Patel
Corona Remedies Ltd.
(M. Pharm., PC)



Srushti Parmar
Maan Pharma. Ltd.
(M. Pharm., QA)

PUBLICATIONS

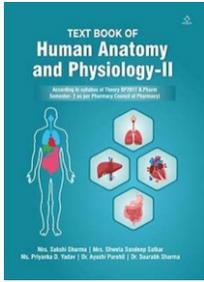
Sr.	Publication	Author	Name of Journal	Vol No. Month	ISSN
01	Advancing lipid nanoparticles: A pioneering technology in cosmetic and dermatological treatments	Pareek Anil, Kapoor Devesh U., Yadav Sandeep K., Prajapati Bhupendra G. & et all	Colloid and Interface Science Communications	Vol.-64, Jan.-2025, P-01-17	2215-0382
02	A Review on Anticancer and Anti-inflammatory Constituents from different parts of Olea europaea L.	Kalita Partha Pratim, Malakar Nikeeta, Barman Indrani, Prajapati Bhupendra G. & et all	Current Traditional Medicine	Vol.-11, Jan.-2025, P-01-16	2215-0846
03	Advanced Targeted Therapy for Colorectal Cancer with Lipid Nanoparticles	Kedar Pawan, Bhattacharya Sankha, Sakore Preeti, Prajapati Bhupendra G.	Current Medicinal Chemistry	Vol.-32(38), Jan.-2025, P- 8503 -29	1875-533X

Sr.	Publication	Author	Name of Journal	Vol No. Month	ISSN
04	An update on selective estrogen receptor modulator: repurposing and formulations	Patel Riya, James Vanessa, Prajapati Bhupendra	Naunyn- Schmiedeberg's Archives of Pharmacology	Vol.-398, Jan.-2025, P.-6311-33	1432-1912
05	Bioinformatics Exploration of the Therapeutic Potential of Lotus Seed Compounds in Multiple Sclerosis: A Network Analysis of c-Jun Pathway	Rapuru Rushendra, Singh Ankul, Rukaiah Fatma, Begum Vellapandian Chitra, Ali Nemat, Prajapati Bhupendra G.	Drug Development Research	Vol.-86(1), Jan.-2025, P.-01-15	1098-2299
06	Deep Learning Approaches for Predicting Bioactivity of Natural Compounds	Prajapati Parixit, Shrivastav Princy, Prajapati Jigna, Prajapati Bhupendra	The Natural Products Journal	Vol.-15, Jan.-2025, P.-01-16	2210-3163
07	Exploring the impact of material selection on the efficacy of hot-melt extrusion	Kapoor Devesh U., Vaishnav Devendra J., Saini Pushpendra Kumar, Prajapati B. G. & et all	International Journal of Pharmaceutics	Vol.-668, Jan.-2025, P.-01-20	1873-3476
08	Novel Strategies for the Treatment of Lung Cancer: An In-depth Analysis of the Use of Immunotherapy, Precision Medicine, and AI to Improve Prognoses	Kedar Pawan, Bhattacharya Sankha, Kanugo Abhishek, Prajapati Bhupendra G.	Current Medicinal Chemistry	Vol.-32(35), Jan.-2025, P.- 7752 -76	1875-533X
09	Polymeric Nano-discs: A Versatile Nanocarrier Platform for Delivering Topical Theranostics	Kapoor Devesh U., Gaur Mansi, Hingalajia Hetal, Singh Sudarshan, Prajapati Bhupendra G.	Pharmaceutical Nanotechnology	Vol.-13, Jan.-2025, P.-01-12	2211-7393
10	Revisiting the potential of natural antimicrobial peptides against emerging respiratory viral disease: a review	Sarvashiva Neelakanta, Singh Kiran S., Yashaswini Chandrashekar, Prajapati Bhupendra G.	3 Biotech	Vol.-15, Jan.-2025, P.-01-17	2190-5738

Sr.	Publication	Author	Name of Journal	Vol No. Month	ISSN
11	The neuroprotective role of volatile oils: insights into chemical profiles, characteristics, neurochemical mechanisms, and preclinical studies in Alzheimer's disease	Suryawanshi Meghraj, Gujarathi Pranjal, Prajapati Bhupendra G. & et all	Inflammo-pharmacology	Vol.-33, Jan.-2025, P.-627-67	1568-5608
12	Emerging innovations in nanomedicine for cancer immunotherapy	Shah Jaimin R., Kapoor Devesh U., Prajapati Bhupendra G.	Journal of Drug Delivery Science and Technology	Vol.-104, Feb.-2025, P.-01-14	1773-2247
13	Phytochemical Analysis, In-Vitro Antioxidant Activity and Normal Human Fibroblast Viability Study of Alcoholic Extract of The Dragon Fruit.	Patel Komal P, Patel Paresh U., Gajjar Umang, Shah Umang	Elsevier	Vol.-46 Feb-2025 P.-1017-1027	1001-4055
14	Assessment of predisposing factors and prescribing pattern in coronary artery disease patients at a tertiary care hospital of Southern Rajasthan	Purohit Ayushi, Sharma Saurabh	International Journal of Basic & Clinical Pharmacology	Vol.-14 Mar.-2025 P.-281-89	2279-0780
15	Nose-to-Brain Drug Delivery of Donepezil Loaded Lipid-Based Nanoemulsion for Alzheimer	Pannu Anuradha, Shah Tora, Bhutada Ganesh, Sharma Rahul & et all	Journal of Neonatal Surgery	Vol.-9, Mar.-2025, P.-591-99	2226-0439
16	QbD- driven development and characterization of Lactoferrin-loaded nanoparticles in in-situ gel for treating postmenopausal osteoporosis	Patel P., Trivedi A., Prajapati B. G., & Kapoor D. U.	Next Research	Vol.-2(1), Mar.-2025, P.-01-14	3050-4759
17	Phytochemical Analysis, In-Vitro Antioxidant Activity and Normal Human Fibroblast Viability Study of Alcoholic Extract of The Dragon Fruit	Patel Komal P, Patel Paresh U., Gajjar Umang, Shah Umang	Tuijin Jishu/ Journal of Propulsion Technology	Vol.-46(2), Apr.-2025, P.-1017-27	1001-4055
18	Nanomedicine-Based treatment for rare and aggressive ocular cancers : Advances in drug delivery	Kapoor Devesh U., Patel Geeta, Prajapat Bhupendra G.	Elsevier	Vol.-26 May-2025 P.-569-586	1527-2729

Sr.	Publication	Author	Name of Journal	Vol No. Month	ISSN
19	Revolutionizing Cancer Treatment: The Role of Starch-Based Nanoparticles in Targeted Therapy	Kapoor Devesh U., Patel Geeta, Prajapat Bhupendra G.	Elsevier	Vol.-77, May-2025, P-01-28	0038-9056
20	A Review on Self Micro Emulsifying Drug Delivery System- Promising Lipid Based Approach to Enhance Solubility of Poorly Soluble Drug	Patel J. K., Patel Geeta K., Patel D., Patel J., Suthar D.	International Journal of Biology, Pharmacy and Allied Sciences	Vol.-14(6), Jun.-2025, P-3115-29	2277-4998

BOOK PUBLISHED

Sr.	Authors	Name of book	Publisher, ISBN No. Page No.	Book Image
01	Sharma Sourabh, Sharma Sakshi, Satkar Shweta Sandeep, Yadav Priyanka D., Purohit Ayushi	Textbook of Human Anatomy and Physiology-II	Shashwat Publication,2025, ISBN-978-93-6087-243-4, P-01-227	

BOOK CHAPTER

Sr.	Authors	Name of Book Chapter	Name of book	Publisher, ISBN No. Page No.	ISBN No.
01	Agrawal Mohit, Jasoria Yash, Chaudhary Hema, Prajapati Bhupendra, Faiyazuddin md.	Handbook of Research in Marine Pharmaceutics	Marine Natural Product Database for Exploring New Drugs	Apple Academic Press, 2025, ISBN- 978-1-77491-742-8, P-11-26	978-1-77491-742-8
02	Patel Madhavi, Prajapati Bijal, Prajapati Bhupendra	Handbook of Research in Marine Pharmaceutics	Marine Polysaccharides in Drug Delivery	Apple Academic Press, 2025, ISBN- 978-1-77491-742-8, P-137-172	978-1-77491-742-8

Sr.	Authors	Name of Book Chapter	Name of book	Publisher, ISBN No. Page No.	ISBN No.
03	Shah Sunny R., Pingale Prashant L., Singh Sudarshan, Jayeoye Titilope John, Dudhrejiya Ashvin V., Prajapati Bhupendra	Handbook of Research in Marine Pharmaceutics	Marine Biopolymers in Smart Oral Delivery of Pharmaceuticals	Apple Academic Press, 2025, ISBN- 978-1-77491-742-8, P-173-209	978-1- 77491- 742-8
04	Modi Chetna, Arora Mahek, Dudhatra Bhavisha, Singh Amit, Udhwani Nikita, Rana Hardik, Prajapati Bhupendra G.	Nanoparticles in Modern Neurological Treatment	Nanoparticle-Mediated Gene Therapy for Neurological Disorders	Springer, 2025, ISBN- 978-3-031-80184-6, P-25-42	978-3- 031- 80184-6
05	Kanet Bhavin, Patel Feni, Chauhan Vandana, Modi Chetna, Rana Hardik, Udhwani Nikita, Prajapati Bhupendra G.	Nanoparticles in Modern Neurological Treatment	Nanoparticle-Mediated Treatment for Brain Tumours	Springer, 2025, ISBN- 978-3-031-80184-6, P-109-130	978-3- 031- 80184-6
06	Kiran Neelakanta Sarvashiva, Yashaswini Chandrashekar, Chatterjee Ankita, Ali Nemat, Prajapati Bhupendra G.	Nanoparticles in Modern Neurological Treatment	Nanoparticle-Based Biomarkers for Neurological Disorders	Springer, 2025, ISBN- 978-3-031-80184-6, P-183-202	978-3- 031- 80184-6
07	Patel Rashmika, Patel Amisha, Rahevar Komal, Patel Urmila, Chauhan Payal	Advancement in life, health and agriculture science volume -II	Revolutionizing Healthcare the latest innovations in pharma tech	Chyren, 2025, ISBN- 978-93-49076-39-6, P-01-11	978- 93-49076- 39-6

INDUSTRIAL VISIT

The industrial visit to Calborn Life Science Pvt. Ltd. on August 1, 2025, offered B. Pharm Semester VII students from Shree S. K. Patel College of Pharmaceutical Education & Research an invaluable bridge between classroom theory and real-world pharmaceutical manufacturing. Witnessing the end-to-end production of Vitamin D3—from raw material handling and UV irradiation in the fermentation unit to purification via advanced chromatography, crystallization, and nitrogen-sealed packaging—highlighted the precision required for GMP-compliant operations. Tours of quality control labs equipped with HPLC systems, microbiology testing, and stability chambers underscored the rigorous analytical standards ensuring product purity, potency, and shelf stability.

Students also gained critical insights into safety protocols, including hands-on demos of fire suppression systems, explosion-proof equipment, and emergency evacuation measures tailored to high-risk processes involving organic solvents. This exposure not only clarified industrial workflows and regulatory adherence but also fostered soft skills through professional interactions, sharpening career aspirations in pharmaceutical biotechnology.

In conclusion, the visit was a resounding success, reinforcing the importance of practical training in pharmaceutical sciences. Grateful to the Calborn team, including Director Shri Nilesh Patel, and faculty coordinators, we look forward to more such initiatives to prepare students for innovative industry roles.





GUNI : The Vials and Vision

In labs where beakers gently gleam,
Students of GUNI chase the dream.
Capsules, syrups, and creams aligned,
Knowledge and care forever combined.

Charts are studied, formulas known,
Every dose by science shown.
From morning to evening hue,
GUNI shapes healers truly.

By Anjani Saini

Eno. 23022411088

B. Pharm. Sem. V,
SKPCPER, GUNI

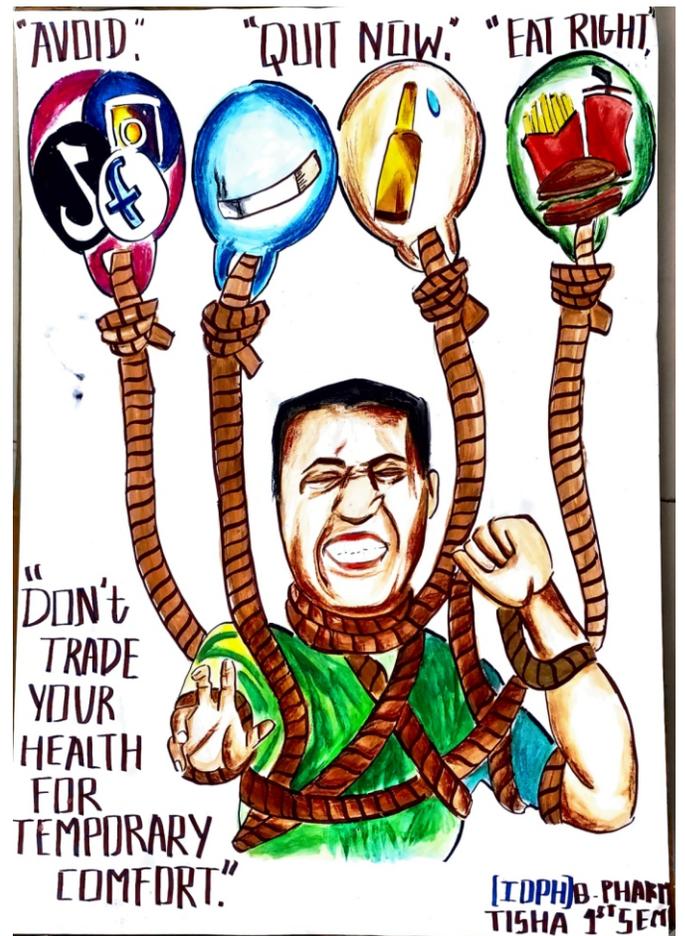
Shrimali Dhrumil D.
Enrollment No. 23422411051
B.Pharm. Sem 5, Institute of Pharmacy, GUNI



Tisha Trivedi

Enrollment No.25422411099

B.Pharm. Sem 1, Institute of Pharmacy, GUNI



Activities @ NSS, GUNI FoP

The NSS special camp at village Mithadharva, organized by SKPCPER, Ganpat University from March 20-26, 2025, On Day 1, volunteers set up the main stage and hosted cultural programs with expert guidance with remarkable enthusiasm. Day 2 featured a vibrant prabhatteri, yoga, career counseling for students, and an inaugural ceremony with speeches from Principal Dr. Praful D. Bharadia, NSS Officer Mr. Maulin Thakkar, and chief guest Shri Sureshbhai Dhanjibhai Patel, emphasizing responsibility and motivation.

Days 3-4 included medical camps serving over 150 villagers with specialists like Dr. Bhavya Shah, Dr. Viank Patel & Dr. Milton Patel. A consumer awareness session was also there by Adv. Jayesh Shuthar. Day 5 brought drawing competitions for kids and agriculture talks on mushroom and organic farming by Dr. Apurva Patel, capped with cultural daira. The finale on Days 6-7 focused on Swachhta Abhiyan cleanups, anti-addiction rallies, school activities, and a valedictory ceremony with university dignitaries, ending emotionally with garba and cherished memories as volunteers departed.



TRENDING PHARMA-NEWS

Global Harmonization of Bioequivalence Standards: ICH M13A and M13B

The International Council for Harmonisation (ICH) has released M13A and M13B guidelines to standardize bioequivalence (BE) requirements for immediate-release solid oral dosage forms across regulatory regions. M13A outlines scientific and technical recommendations for designing and analyzing BE studies during drug development and post-approval phases. It emphasizes consistent methodologies for pharmacokinetic parameters, study design, and statistical evaluation. The final guidance for M13A was released in October 2024. M13B complements M13A by detailing the format and content of BE study reports, promoting transparency and regulatory alignment. It also addresses biowaivers for additional strengths of a drug product when in vivo BE has been demonstrated for at least one strength. The draft guidance for M13B was released for public consultation on 13 March 2025. Together, these guidelines aim to reduce duplication of studies, accelerate global drug approvals, and enhance patient access to generics. For the pharmaceutical industry, this harmonization simplifies regulatory submissions and fosters innovation by streamlining development pathways.

USFDA's Updated Nitrosamine Risk Assessment: Antioxidant-Based Mitigation

In September 2024, the USFDA issued Revision 2 of its guidance on controlling nitrosamine impurities in human drugs. Nitrosamines, classified as probable human carcinogens, can form during manufacturing or storage, especially in the presence of secondary amines and nitrosating agents. The revised guidance introduces refined risk assessment strategies for nitrosamine drug substance-related impurities (NDSRIs), which are structurally similar to active pharmaceutical ingredients. A key mitigation strategy includes the use of four approved antioxidants—ascorbic acid, alpha-tocopherol, butylated hydroxyanisole (BHA), and butylated hydroxytoluene (BHT)—to inhibit nitrosamine formation. These antioxidants may be incorporated into formulations or packaging systems to reduce impurity levels. The guidance also recommends confirmatory testing and encourages manufacturers to adopt proactive control measures during formulation development and storage.

In response, pharmaceutical companies have initiated reformulation efforts in 2025 to align with the new safety expectations. These efforts include revising excipient profiles, updating packaging materials, and validating antioxidant compatibility with existing drug products. The industry-wide shift reflects a growing commitment to impurity control and patient safety. This guidance marks a significant step in regulatory vigilance and offers a practical pathway for mitigating nitrosamine risks without compromising therapeutic efficacy.

Mid-Year Regulatory Spotlight: USFDA's Novel Drug Approvals (Jan–June 2025)

The first half of 2025 marked a dynamic phase for pharmaceutical innovation, with the USFDA approving several novel drugs under New Drug Applications (NDAs), expanding treatment options across oncology, neurology, infectious diseases, and rare disorders.

Key approvals include:

- Romvimza (vimseltinib) – Approved on February 14, 2025, for symptomatic tenosynovial giant cell tumor where surgical resection may cause functional limitation or severe morbidity.
- Gomekli (mirdametinib) – Approved on February 11, 2025, for neurofibromatosis type 1 with symptomatic plexiform neurofibromas not amenable to complete resection.
- Journavx (suzetrigine) – Approved on January 30, 2025, as a non-opioid analgesic for moderate to severe acute pain, targeting NaV1.8 sodium channels.
- Grafapex (treosulfan) – Approved on January 21, 2025, for use in combination with fludarabine as conditioning treatment prior to allogeneic hematopoietic stem cell transplantation in AML and MDS patients.
- Gepotidacin (Blujepa) – Approved on March 25, 2025, for uncomplicated urinary tract infections in female adults and pediatric patients aged 12 and older.
- Fitusiran (Qfitilia) – Approved on March 28, 2025, for prophylactic treatment of hemophilia A and B, with or without inhibitors.
- Clesrovimab (Enflonsia) – Approved on June 9, 2025, for prevention of RSV-related lower respiratory tract disease in infants entering their first RSV season.

India's Patent Law Overhaul: 2025 Amendments Promote Speed, Transparency, and Ease of Business

In a major step toward modernizing its intellectual property framework, the Government of India published the Draft Patent (Amendment) Rules, 2025 on July 18, 2025, through the Department for Promotion of Industry and Internal Trade (DPIIT). These amendments were officially released for public consultation on August 19, 2025, and are expected to be implemented in phases starting Q4 2025, following stakeholder feedback and Gazette notification.

The changes stem from the broader Jan Vishwas (Amendment of Provisions) Act, 2023, which aims to decriminalize minor offenses across central legislations. In patent law, this translates to replacing imprisonment clauses with higher monetary penalties and introducing civil adjudication mechanisms. For instance, under Section 120, unauthorized claims of patent rights now attract fines up to 10 lakh, eliminating criminal prosecution.

Key procedural reforms include:

- Accelerated Examination Timelines: Reducing pendency and improving predictability.
- Simplified Compliance: Streamlined filing and digital workflows.
- Enhanced Transparency: Clearer opposition procedures and improved access to patent data.

These reforms are expected to benefit pharmaceutical innovators, academic institutions, and startups by reducing regulatory friction and encouraging timely protection of intellectual property. The shift reflects India's commitment to fostering innovation, ease of doing business, and trust-based governance.

