



FORTHCOMING EVENTS

- Foundation Day: 01st October 2024.
- Volleyball Competition: 14-15th October 2024.
- Ramzat'2024: 19th October 2024.
- Rostrum'2024: 16-17th November 2024.

Web presence of Institute of Pharmacy, Nirma University:

- **Website:** <https://pharmacy.nirmauni.ac.in/>
- **Facebook:** <https://www.facebook.com/NirmaUniPharma>
- **LinkedIn:** <https://www.linkedin.com/>
- **Instagram:** https://www.instagram.com/nirma_pharmacy_official/



Inspiring Thoughts...

Radiance

Institute of Pharmacy
Nirma University

Volume 18

A New Chapter of Innovation & Growth

2024
April - August

DIRECTOR'S DESK

It brings me immense pleasure to present 'Radiance'-Institute of Pharmacy newsletter for the academic year 2023-2024. Our commitment to excellence, innovation, and holistic education has paved the way for several noteworthy achievements in various facets of academia. This year has been marked by a series of enlightening expert lectures, where distinguished speakers shared their insights and experiences. These lectures not only enriched our students' knowledge but also provided valuable insights into the latest advancements and trends in the pharmaceutical industry. The engaging discussions and interactions with experts have undoubtedly contributed to broadening the intellectual horizons of our students. Our students were actively engaged in various events and showcased their talents and enthusiasm. The research endeavors of our students have reached new heights, contributing to the academic excellence of Radiance. Our faculty members have not only guided these endeavors but also made significant contributions to research publications, further establishing our institute as a hub of knowledge and innovation. I extend my heartfelt gratitude to the faculty, students, and staff for their unwavering commitment to excellence. The journey of the Institute of Pharmacy at Nirma University is marked by milestones of success, and I am confident that the upcoming years will see even greater accomplishments. Wishing everyone a restful and rejuvenating break, and looking forward to another year of academic excellence and innovation.

Prof. Dr. Gopal Natesan
Director, Institute of Pharmacy
Chairperson

FROM THE EDITOR'S DESK

As we embrace new academic year, it is the time to take a glance at the glorious achievements and events that landmark our Institute's vibrancy. I am grateful to all the editorial board members and all the contributors who have helped shape the present edition of our annual Newsletter-Radiance, Volume 18. In this few-paged compilation, we endeavor to summarize various academic, co-curricular, and extra-curricular achievements of students and the faculties, various events hosted by the Institute, and the most recent updates regarding various Institutional activities like academic transformation series, International conference hosting, and social and extension activities. As we celebrate themes of growth, transformation, and new beginnings, we congratulate all the achievers and wish them to continue with the legacy of the Institute. We hope this newsletter serves as a source of inspiration and encouragement for all and help us navigate through challenges while seizing new opportunities.

Dr. Shruti Rawal
Chief Editor



Newsletter Volume 18: "A New Chapter of Innovation and Growth"

As we step into a new academic year, Volume 18 of our institute newsletter highlights exciting developments within our vibrant community. From innovative research breakthroughs to inspiring student initiatives, this edition is packed with stories of resilience and creativity. We spotlight upcoming events, workshops, and collaborations aimed at enhancing academic and professional growth. Stay connected with your peers and explore many opportunities to engage, learn, and contribute to the dynamic environment that makes our institute exceptional.

Mr. Vivek Mewada
Associate Editor



EDITORIAL MEMBERS



Dr. Misari Patel
Asst. Professor



Mr. Shreyansh Chauhan
Ph.D. Scholar



Ms. Priyanka Verma
Ph.D. Scholar

You are welcome to share your valuable insights, perspectives and feedback at radianc.ip@nirmauni.ac.in

THIS ISSUE

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RANKINGS

Institute of pharmacy, Nirma University has secured 37th rank among all pharmacy institutions in India, as per the National Institutional Ranking Framework (NIRF) by the Ministry of Education, Government of India. This achievement is a reflection of the unwavering dedication and hard work of our faculty, students, staff, and all stakeholders.



MOAs

July 11, 2024

Institute of Pharmacy, Nirma University, and Swasthya Diabetes Care, Ahmedabad, have signed a Memorandum of Agreement (MoA) to foster mutual growth and excellence in diabetes care. This strategic partnership focuses on: Diabetes Clinical Care, Community work, Research and Innovations activities, Hospital visits and training, Education in Diabetes care.



PLACEMENT

In the month of May, two students from the Pharmaceutics department secured placements. One student was hired by Zydus Lifescience Ltd, and another student joined Herbs. Additionally, two B. Pharm students were also placed. One student was hired by Ambix Healthcare LLP for a Business Development role, while the other joined Medtronic Pharma as a Medical Annotator. At the end of the may month, a total of 41 students of M. Pharm and 06 students of B. Pharm student were placed in various companies like the HOF Pharmaceuticals Ltd, Finecure Pharmaceuticals Ltd, Corona Remedies, La Renon Healthcare Pvt Ltd., Molkem Chemicals Private Ltd., Troikaa Pharmaceuticals Ltd., Marico India Pvt Ltd., Just Herbs, Unison Pharmaceuticals Pvt. Ltd, Tata Consultancy Services, Merck Specialities Pvt Ltd., Radiant Minds, Merrill Lifescience, and Zydus Lifescience Limited.

EXPERT, GUEST AND ALUMNI LECTURES

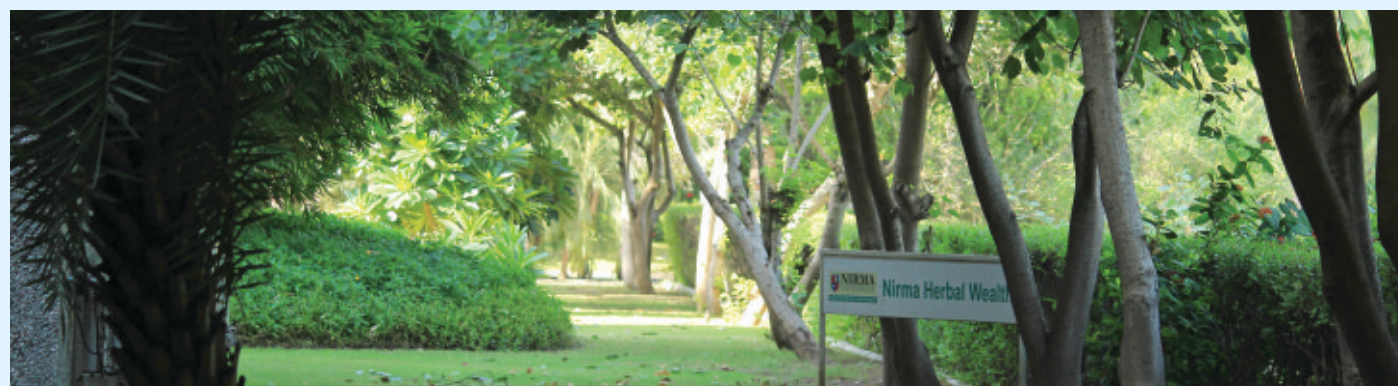
Various Expert and alumni lectures on various curricular/co-curricular topics are regularly organized at the Institute. The following list provides information on the expert/ Guest/alumni lectures organized from April 2024-August 2024:

EXPERT LECTURES		
Name of the Expert, Designation and Organization	Title of the Talk	Date
Dr. Bhaswat Chakraborty, Former Senior Vice-President & Chair at Cadila Pharmaceuticals Ltd, Ahmedabad	Important Factors for the Design and Conduct of Bioequivalence Studies	April 8, 2024
Dr. Nina Muncherji, Associate Professor, Institute of Management, Nirma University	Role of 5S at Workplace	April 20, 2024
Mr. Darshan Doshi, Deputy General Manager of Regulatory Affairs at Zydus Lifesciences, Ahmedabad	Rediscovering Drugs: Role of Innovation	April 22, 2024
Dr. Nina Sharma, Managing Director at Shamisha Resources Management.	Biopharmaceutical Considerations in Oral Product Design	April 29, 2024
Dr. Nilesh Mahajan, Professor and Head, Department of Pharmaceutics, Dadasaheb Balpande College of Pharmacy, Nagpur	An advanced study of Pharmaceutical Product development with a special reference to directly compressible vehicles	May 2, 2024
Dr. Paresh Dhadhaniya, Managing Director, Plexus PreClinical Services, Ahmedabad	Ensuring Compliance and Quality in Safety Studies: Implementing Good Laboratory Practice (GLP) Principles	May 4, 2024
Dr. Anupam Dhasmana, Research Scientist at the School of Medicine, University of Texas, Texas, USA	Basics and advancements of cancer, covering cancer statistics, prevalence and its pathogenesis	May 8, 2024
Mr. Tarun Patel, Manager, Formulation and Development at Elysium Pharmaceuticals Limited, Vadodara, Gujarat	From Lab to Industry: The Exciting Applications of Fluid Bed Drying	July 16, 2024
ALUMNI LECTURES		
Harshit Barot (17BPH025, 21MPH107), Research Associate, Healthcare Research and Data Analytics, Clarivate Plc.	Mastering GPAT: Navigating Strategies for Success	April 2, 2024
Dr. Janki Andhariya (08MPH307), Senior Scientific Reviewer at The United States Food and Drug Administration/The Centre for Drug Evaluation and Research (CDER) in the USA	Career Opportunities in Pharmaceutical Analysis	April 15, 2024

EXPERT, GUEST AND ALUMNI LECTURES



Mr. Raj Joshi (16MPH209) PK Scientist, Clantha Research Limited	Applications and Industrial Trends of Pharmacokinetics in Drug Development	April 26, 2024
Ms. Vikhyati Dedania (15MCT111), Founder of Nichessential Care, Ahmedabad	Formulation and Evaluation of Hair Care Cosmetics	April 30, 2024
Mr. Ronak Vashi, Manager of Non-Oral Formulation R&D at Sun Pharmaceuticals in Baroda	Application of Pharmacokinetics in Formulation Development	May 4, 2024
Mr. Jaydeep Sinh Chavada, PhD Research Scholar and DST-INSPIRE Fellow from the Department of Chemistry at IIT Gandhinagar	Medicinal Chemistry of Marketed Antiamoebic Drugs	May 6, 2024
Dr. Manan Shah, currently serving as an Assistant Manager in Global Pharmacovigilance at Zydus Lifesciences Limited, Ahmedabad.	Vaccine Safety Surveillance	May 10, 2024
Mr. Prakash Mishra, Regulatory Affairs Associate at Sandoz Pvt. Ltd., Mumbai	Drug Regulatory Affairs and Current Market Trends	May 10, 2024
Dr. Ankit Borisa, Head of R&D Operations at Acunpharm Life science LLP.	Basics of Medicinal Chemistry in Drug Discovery	May 23, 2024
Mr. Apal Dave (16MPH701) working at SSD Management Services Private Limited, Ahmedabad	Pharmacology of Parkinson's diseases	May 24, 2024
Ms. Mrunal Tadvalkar, Junior Research Associate-Skin Care at ITC, Bangalore	Coarse Dispersions and Their Application in Cosmetics	June 1, 2024
Ms. Rujul Patel from APCER Life Sciences, Ahmedabad	Importance and applications of Pharmacovigilance in pharmaceutical and clinical practice	June 12, 2024



EVENTS



CURRICULAR

UGRC Research Talk on Unlocking Opportunities

The UG Research Council (UGRC) at the Institute of Pharmacy, Nirma University, hosted a Research Talk Series featuring Dr. Amit Shard, Assistant Professor at the National Institute of Pharmaceutical Education and Research (NIPER)-Ahmedabad, on April 18, 2024. The session focused on "Unlocking Opportunities: The Art and Science of Successful Proposal Writing" and was aimed at undergraduate students enrolled in UGRC, postgraduate students and Faculty Members. Dr. Amit Shard delved into various aspects of proposal writing, offering insights and strategies.



Two-day workshop on the topic 'Developing skills for Pharmapreneurs:'

The Institute of Pharmacy and Centre for Entrepreneurship at Nirma University organized a two-day workshop on the topic 'Developing skills for Pharmapreneurs', led by Mr. Devang Patel, Founder 212 Degrees Training & Coaching. Participants, including 110 undergraduate and post-graduate students from Institute of Pharmacy, Nirma University engaged in sessions covering entrepreneurial competencies, exploring opportunities in the pharma industry, and business model development. Dr. Anup K Singh, Director General of Nirma University, encouraged innovation and creativity among students. The event aimed to cultivate an entrepreneurial mindset and provided practical skills for success, alongside networking opportunities. Ms. Rashmika Shah, Coordinator, Centre for Entrepreneurship and Dr. Jigar Shah, Faculty Coordinator, Institute of Pharmacy, Nirma University highlighted government funding schemes and Nirma's incubation center facilities.



EVENTS

Career Prospects in Pharmacy

A seminar to enlighten B. Pharm and Pharm. D aspirants on "Career Prospects in Pharmacy" was organized by the Institute of Pharmacy, Nirma University. Prof. Gopal Natesan, Director of the Institute of Pharmacy at Nirma University, illuminated the various opportunities awaiting students in the field of Pharmacy. Career guidance sessions were conducted by Dr. Mayur Patel, Associate Professor, Institute of Pharmacy, and Dr. Shital Panchal, Associate Professor, Institute of Pharmacy for B. Pharm and Pharm. D courses respectively. Additionally, Dr. Mehul Naik, Director of International Relations at Nirma University, informed the aspirants about the 2+4 Pharm. D International Program. The seminar was a great success, with more than 400 participants including aspirants and their parents in attendance. Faculty members addressed various queries posed by the B. Pharm and Pharm. D aspirants and their parents to their satisfaction. Dr. Nrupesh Patel, Assistant Professor, Institute of Pharmacy, Nirma University, coordinated this Career Guidance Seminar.



Industrial visit to Acculife Healthcare Pvt. Ltd.

B. Pharm Sem VI and M. Pharm (Regulatory Affairs) students of Institute of Pharmacy, Nirma University visited Acculife Healthcare Pvt. Ltd, specializing in manufacturing parenteral products, as part of their industrial visit.

Guided by an industry expert, students gained insights into challenges and regulations in parenteral production, focusing on quality assurance (QA) and regulatory affairs. They delved into GMP, GLP, and QC facets, observed manufacturing processes and reviewed critical documents like SOPs and Analytical reports. This experience enriched their understanding of stringent standards in parenteral manufacturing.



EVENTS

SPDS – DISSO India

The Institute of Pharmacy, Nirma University, in collaboration with the Society for Pharmaceutical Dissolution Sciences (SPDS) and the American Association of Pharmaceutical Scientists (AAPS), hosted the prestigious 12th Annual International Symposium of SPDS – DISSO India Ahmedabad-2024. The event featured notable guests including Dr. Rajeev Raghuvanshi, DCGI, Govt. of India, Dr. H.G. Koshia, Commissioner, FDA, Gujarat and Dr. Viranchi Shah, National President, IDMA with Dr. Anup K. Singh, Director General, Nirma University as the Guests of Honor. Dr. Tina Morris, CEO of AAPS, delivered a special address. Distinguished speakers from national and international including the USA, Ireland, Netherlands, South Asia, UK, France along with over 400 professionals participated in discussions on advancements in Dissolution Science and technology. The symposium included presentations from distinguished speakers worldwide and featured around 100 research posters.



Faculty Development Programme

The Institute of Pharmacy, Nirma University organized a 2-week Faculty Development Programme (FDP) "Synergizing Academic Success: A Comprehensive Skill Development Program for Faculty," running from July 08-20, 2024. This program aims to enhance the academic skills and success of faculty members, focusing on the following key areas:

Teaching-Learning Pedagogy, Learner-centric Active Learning Strategies, Enhancing Learning and Teaching through Technology, Developing Assessment for Learning, of Learning and with Learning and Enhancing Learning and Teaching through Reflective Practice

The FDP was inaugurated by our esteemed Chief Guest, Prof. H.B. Patel, Registrar (Officiating) and Dean, School of Education, Central University of Gujarat, Gandhinagar. Prof. Patel's vast experience and profound insights into the



field of education make him the ideal speaker to kick off this significant event. His address on "Assessment and Evaluation in Teaching-Learning" promises to be both enlightening and inspiring.

This program underscores our commitment to academic excellence and recognizes the pivotal role that skilled and inspired faculty play in shaping the future of our students. In the rapidly evolving landscape of higher education, it is imperative that educators continually refine their skills, adapt to new teaching methodologies, and stay abreast of the latest industry trends. The core aim of this development program is to enhance our teaching methodologies, deepen our understanding of effective assessment patterns, and ultimately ensure that our graduates are equipped with the knowledge and skills that meet current market demands. By continuously refining our skills and adapting to new teaching strategies, we aim to stay ahead in this ever-evolving educational landscape.

During the inaugural session, Prof. Gopal Natesan, Director, Institute of Pharmacy, Nirma University, delivered an inspiring Welcome Address, emphasizing the importance of reskilling and upskilling the faculty's knowledge, thereby setting the tone for the program. The event concluded with a heartfelt Vote of Thanks by Dr. Mayur Patel, Coordinator, FDP-2024, Institute of Pharmacy, Nirma University.

Talk on crucial role of Pharmacists for Pharm.D

Prof. Dr. KarenBeth H. Bohan, Interim Associate Dean for Admission and Professor of Pharmacy Practice from Binghamton University, Johnson City, NY, USA, visited the Institute of Pharmacy, Nirma University, from July 29, 2024, to July 31, 2024. During her visit, Prof. Bohan delivered the keynote address for the orientation program of the new 3rd Batch of Pharm. D students, where she discussed the crucial role of pharmacists in hospitals with new students and their parents. Prof. Bohan also engaged with faculty members, Pharm. D students, and research scholars to discuss job opportunities, research collaborations, and hospital experiences in the USA. Throughout her visit, Dr. Bohan and the Director of the Institute of Pharmacy, Nirma University, strategized the implementation of a dual degree program, student mobility, and further research collaborations. Additionally, Dr. Bohan conducted expert lectures for B. Pharm final year and Pharm. D students.



Orientation programme- Pharm. D Entrants

Institute of Pharmacy, Nirma University, held an Orientation Programme for the new Pharm. D. students. The event began with a warm welcome from Prof. Dr. Gopal Natesan, Director of the Institute of Pharmacy. We were honored to have Prof. Dr. KarenBeth H. Bohan, Interim Associate Dean for Admission and Professor of Pharmacy Practice at Binghamton University, USA, as our chief guest. Prof. Dr. Bohan delivered an insightful keynote address, providing a comprehensive overview of the Pharm.D. curriculum in the United States. She emphasized the critical roles and responsibilities of Pharm. D. graduates in healthcare, patient management, and inter-professional collaboration, highlighting the global impact and diverse opportunities of the profession.

Prof. Dr. Natesan welcomed the new students and provided an overview of the Pharm. D. program at Nirma University. He discussed the significance and scope of the Pharm. D. degree within India's healthcare sector, emphasizing the expanding opportunities for graduates in both clinical and research settings.



Innovative Initiatives at the University

Four projects from the Institute of Pharmacy, got selected by the Nirma University Incubation Centre for SSIP 2.0 grant and Incubation support. The details of these projects are as under:

Project by Padhiyar Dhvani and team entitled "Brain-Targeted Intranasal Formulation for ALS Treatment" was awarded grant worth Rs. 2,50,000.

Project by Heer Shah and team entitled "CookFe cookies: Iron enriched cookies for iron supplementation" was awarded grant worth INR 2,00,000.

Project entitled "Development of Cost-Effective LFIA for Rapid Diagnostic of Vitamin B12" by Ms. Raveena Udhani and team was awarded a grant of 2,50,000.

The project entitled "Development of Novel Gumble gum" by Ms. Shailvi Shah and team was also awarded grant worth INR 2,50,000.



Padhiyar Dhvani

Heer Shah

Raveena Udhani

Shailvi Shah

EVENTS

White Coat Ceremony for Pharm. D

The Institute of Pharmacy at Nirma University hosted an extensive Orientation Programme for new Pharm. D. students from July 29th to August 3rd, 2024. This immersive introduction concluded with a memorable closing ceremony on August 3rd, marking a significant milestone for the incoming cohort of pharmacy students. The ceremony began with a heartfelt welcome from Prof. Dr. Gopal Natesan, Director of the Institute of Pharmacy, who greeted the students warmly. He emphasized the importance of their chosen field in healthcare and highlighted the critical role they would play in ensuring society's well-being. A highlight of the closing ceremony was the inaugural White Coat Ceremony, symbolizing the students' transition from preliminary education to the practical application of their pharmaceutical training. This gesture not only represented their entry into the professional world but also their commitment to upholding the highest standards of professionalism, ethics, and patient care. As each student donned their new coat, they were reminded of the profound responsibilities it entailed, including the need for empathy, integrity, and a dedication to continuous learning and self-improvement. During the ceremony, students took a pharmacy pledge, a formal oath that reinforced their dedication to ethical practice, patient care, and the pursuit of knowledge throughout their careers. In his concluding remarks, Dr. Jigar Shah, Coordinator of the Orientation Programme, provided a detailed recap of the various sessions, workshops, and activities that comprised the orientation, reflecting on the program's comprehensive and engaging nature.



Space Research Awareness Program

The Student Association of the Institute of Pharmacy at Nirma University (NIPSA) organized a Space Research Awareness Program for undergraduate students, coinciding with National Space Day, as declared by the Government of India. The event featured live telecasts of the ongoing program at Bharat Mandapam in New Delhi, allowing participants to witness the grand celebrations in the capital.

In addition, an interactive session was held with Dr. Priti Mehta, Chair Professor, who is actively involved in Space



EVENTS

Medicine research. Dr. Mehta informed students about India's Human Space Program, as well as recent reforms and initiatives by the Indian government related to space policy, education, and research. She highlighted the growing opportunities for the younger generation in space startups and research. With the recent announcement by the ISRO Chairman regarding the launch of the Indian Space Station, Bhartiya Antariksh Station (BAS), Dr. Mehta emphasized that opportunities will be available not only for engineering students but also for those in medicine, pharmacy, basic sciences, and related fields. The interactive session was followed by a quiz, in which students participated with great enthusiasm. Prof. Dr. Gopal Natesan, Director of the Institute of Pharmacy, congratulated Team NIPSA on the successful execution of the program.



EXTRACURRICULAR

Lakshya-2024- PharmaFit Blitz

Institute of Pharmacy, Nirma University organized an institute level sports tournament entitled as, "Lakshya' 2024 - PharmaFit Blitz: A Triumph of Spirit and Sportsmanship". The event featured various sports activities for both male and female students of B. Pharm., Pharm. D. and M. Pharm., including team games like Football, Kho-kho, Kabaddi, Cricket, Volleyball, Tug of War and Basket-ball and athletics like Shotput, Long Jump, Discus Throw and Javelin



EVENTS

Throw. A total of 629 participations from both boys (444) and girls (185) were witnessed to participate in the tournament.

From the heart-pounding matches to the jubilant moments of victory, Lakshya' 2024 organized by the Institute of Pharmacy, Nirma University, has been an extraordinary journey celebrating sports and camaraderie. The event showcased the remarkable skills and determination of athletes in various sports competitions and athletics.

EXTENSION ACTIVITIES

International Youth Day

Students from the Institute of Pharmacy at Nirma University had the privilege to attend the #ImpactWithYouth Conclave 2024 on International Youth Day (August 12, 2024), held at Courtyard by Marriott in Ahmedabad. This impactful event, organized by UNICEF India YuWaah, NSS, and the Elixir Foundation, featured an inspiring discussion with Honorable Minister Shri Mansukh L. Mandaviya, who shared powerful stories of overcoming challenges and making a positive impact. Our students also participated in a panel discussion titled "From Service to Impact: Youth Volunteers Transforming Communities," featuring distinguished speakers like Dr. Kamal Kumar Kar, Mr. Prasanta Dash, and Mr. Akash Bansal. It was a remarkable opportunity for our NSS volunteers to learn from leaders and contribute to the conversation on youth-driven community development.



EVENTS

Har Ghar Tiranga 2024

Students from the Institute of Pharmacy at Nirma University proudly participated in Har Ghar Tiranga 2024, infusing the campus with vibrant patriotism. By raising the tricolor high, they celebrated India's rich legacy and demonstrated their dedication to the nation's progress. This initiative not only highlights their love for the country but also underscores their commitment to upholding the values that the flag represents. Together, they stand united in honoring our shared identity as Indians.



NSS unit Visit at Old Age Home

the NSS unit of the Institute of Pharmacy, Nirma University, took a significant step in fostering compassion and community spirit by visiting the Hiramani Old Age Home. Our dedicated volunteers engaged with the residents through meaningful conversations, conducted health assessments such as BMI and blood pressure checks, offered medical counselling, and organized a refreshing yoga session followed by soulful bhajans. The event was filled with joy, smiles and a deep sense of connection, reflecting our belief that everyone, regardless of age, deserves respect, care and compassion. This visit was a heartfelt effort to positively impact the lives of the elderly residents, reinforcing our commitment to social responsibility and community welfare.



STUDENT'S ACHIEVEMENT

NIPER JEE 2024 Ranking

19 students of B. Pharm, Batch 20BPH from the Institute of Pharmacy, Nirma University, have excelled in the NIPER JEE 2024 examination and secured outstanding All India Ranks (AIR).

The following students excelled in the NIPER JEE 2024.

Student Name	AIR
Himadri Mandaliya	AIR 139
Uday M. Bundeliya	AIR 469
Iraja Shah	AIR 544
Dakhane Hariti	AIR 667 (Mtech 162)
Solanki Maity	AIR 758
Prince Patel	AIR 1187
Srushti Soni	AIR 1351
Aishani Basu	AIR 1427
Madhurima Mandal	AIR 1519
Nishi Shah	AIR 2206
Labdhi Bavishi	AIR 2419
Maitri Patadiya	AIR 2717
Meera Patel	AIR 2862
Bhavesb Bambhaniya	AIR 3539 (Mtech 562)
Het Patel	AIR 3779
Janvi Thakkar	AIR 3873
Vishva Dhotre	AIR 4213
Isha Vyas	AIR 4593
Hiren vasava	AIR 5414

Travel Grant From the Department of Biotechnology (DBT)

Mr. Rajdeep Dey, PhD Research Scholar under the guidance of Associate Professor Dr. Hardik Bhatt, for receiving a travel grant from the Department of Biotechnology (DBT) to present his research work at the ACS Fall 2024 International Conference, to be held on August 18-24, 2024, in Denver, Colorado, USA.



The Institute of Pharmacy congratulates Ms. Suman Kumar Shaw, PhD Research Scholar under the guidance of Dr. Hardik Bhatt, Associate Professor, IPNU for receiving a travel grant from the Department of Biotechnology (DBT) to present her research work at the ACS Fall 2024 International Conference, to be held on August 18-24, 2024, in Denver, Colorado, USA.



Research Present at the American Chemical Society, Denver, Colorado, USA

The Institute of Pharmacy, Nirma University, is pleased to share that two of our research scholars, Mr. Rajdeep Dey and Ms. Suman Shah, presented their research findings at the ACS FALL 2024 International Conference organized by the American Chemical Society, in Denver, Colorado, USA.

Mr. Rajdeep Dey presented on "Designing, Synthesis, and Study of Novel Tetrahydro Acridine Analogs as Telomerase Inhibitors for the Treatment of Lung Cancer," while Ms. Suman Shah presented on "Di-Substituted Pteridines as Anticancer Agents: A Comprehensive Study on Synthesis, Characterization, and In Vitro Activity Against PI3K/mTOR Proteins."

We express our gratitude to the funding agencies, including the Department of Biotechnology (DBT), Government of India, and Nirma University, Ahmedabad, Gujarat, for providing the travel grant that made this possible.

This is a remarkable achievement and a testament to the dedication of both the research scholars and the Institute of Pharmacy, Nirma University. The faculty and staff of the Institute of Pharmacy, Nirma University, congratulate Mr. Rajdeep Dey and Ms. Suman Shah on their accomplishments.



STUDENT'S CORNER

NIPSA (Nirma Institute of Pharmacy Student's Association)

Introducing NIPSA: The Heartbeat of Our Pharmacy Community!

We are excited to announce the official launch of NIPSA, a dedicated organization designed to enhance both the academic and social experiences of our pharmacy community. Our mission is to plan and execute a variety of events, from skill-building workshops to lively social gatherings, all aimed at enriching our educational journey and fostering personal growth.

Whether you're looking to expand your professional knowledge or connect with peers, NIPSA has something for everyone. We look forward to working together as we embark on this exciting new chapter, full of opportunities and growth.

Here's to new beginnings and endless possibilities with NIPSA!



FACULTY CORNER

FACULTY ACHIEVEMENTS

Indian Space Congress 2024

The Institute of Pharmacy, Nirma University, is proud to share that Dr. Priti Mehta was invited as an eminent speaker at the Indian Space Congress 2024, held from June 26-28, 2024, in New Delhi. The event was organized by SIAINDA (Society of Indian Aerospace Industries) under the theme "Bridging Boundaries, Transforming Tomorrow."

Dr. Priti Mehta significantly enriched the discussions and played a crucial role in advancing space technology in India, particularly in the track "Frontiers of Life: Exploring Intersections between Space and Biology."



Grant For The Study of Diabetes in India

Institute of Pharmacy, Nirma University thrilled to announce that Dr. Snehal Patel, Associate Professor in the Department of Pharmacology, has secured a prestigious grant from the Research Society for the Study of Diabetes in India (RSSDI) for her groundbreaking project entitled "A drug repurposing approach towards elucidating the potential of Hypoxia Inducible Factor-1 Prolyl Hydroxylase for the treatment of Diabetes Foot Ulcers."

This incredible achievement is a testament to Dr. Patel's dedication, innovative research, and commitment to advancing medical science. Her work promises to bring new hope to those suffering from diabetic foot ulcers through pioneering strategies and repurposed drug therapies.

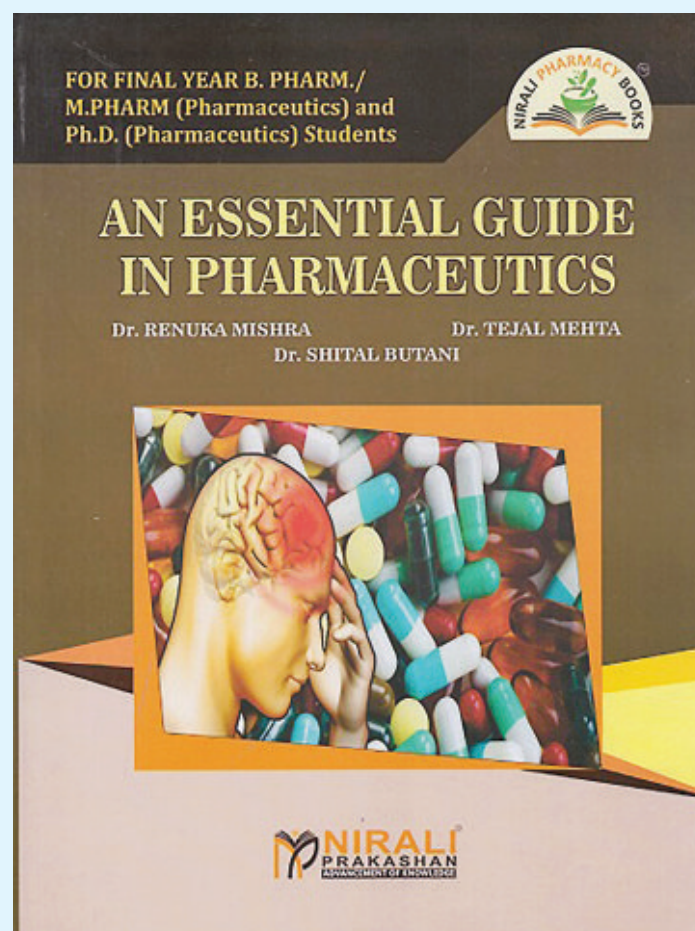


Book Publish on An Essential Guide in Pharmaceutics

A book entitled "An Essential Guide in Pharmaceutics", authored by our esteemed faculty members, Dr. Renuka Mishra, Dr. Tejal Mehta, and Dr. Shital Butani, and co-authored by Ms. Jahanvi Patel, and students and alumni, Ms. Shailvi Shah, Ms. Mitali Paryani, Ms. Lajja Patel, and Mr. Amarjitsing Rajput was recently published.

This comprehensive guide is an invaluable resource for final-year B. Pharm and M. Pharm students, as well as Ph.D. candidates. Published by Nirali Prakashan Pune, the book serves as a vital tool for students preparing for placement interviews, competitive exams like GPAT, and those aspiring to pursue advanced studies or research positions in the field of Pharmaceutics.

"An Essential Guide in Pharmaceutics" covers a wide range of topics, including Physical Pharmacy, Pharmaceutical Engineering, Dosage Form Design, Drug Delivery Systems, and Industrial Pharmacy. With fundamental concepts, key points, a question-answer section, and quick recall references, this book will aid aspiring pharmacy professionals in their transition from academics to research and the professional world.



PUBLICATIONS:

- Gandhi, S., Shastri, D. H., Shah, J., Nair, A. B., & Jacob, S. (2024). Nasal Delivery to the Brain: Harnessing Nanoparticles for Effective Drug Transport. *Pharmaceutics*, 16(4), 481. <https://doi.org/10.3390/pharmaceutics16040481>
- Jacob, S., Kather, F.S., Morsy, M.A., Boddu, S.H.S., Attimarad, M., Shah, J., Shinu, P., Nair, A.B. (2024) Advances in Nanocarrier Systems for Overcoming Formulation Challenges of Curcumin: Current Insights. *Nanomaterials*, 14(8), 672. <https://doi.org/10.3390/nano14080672>
- Avinashi, S. K., Shweta, Bohra, B., Mishra, R. K., Kumari, S., Fatima, Z., Hussain, A., Saxena, B., Kumar, S., Banerjee, M., & Gautam, C. R. (2024). Fabrication of Novel 3-D Nanocomposites of HAp-TiC-h-BN-ZrO 2: Enhanced Mechanical Performances and In Vivo Toxicity Study for Biomedical Applications. *ACS Biomaterials Science & Engineering*, 10(4), 2116–2132. <https://doi.org/10.1021/acsbiomaterials.3c01478>
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