

Mr. Nikhil Prem Rajnani

Designation	Assistant Professor
Date of Joining	29/11/2022
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EDUCATIONAL QUALIFICATION

Degree	Specializations	Awarding University	Awarded Year
Ph.D. (Tech)	Pharmaceutics	University of Mumbai	Ongoing
M. Pharm	Pharmaceutics	University of Mumbai	2018
B. Pharm	Pharmacy	University of Mumbai	2013

COURSES TAUGHT

Class	Semester	Subject code	Name of the subjects
First Year B. Pharm	I	BP102T	Pharmaceutical Analysis I (Theory)
	I	BP108P	Pharmaceutical Analysis I (Practical)
	II	BP205T	Computer Applications in Pharmacy (Theory)
	II	BP210P	Computer Applications in Pharmacy (Practical)
Second Year B.Pharm	III	BP302T	Physical Pharmaceutics I (Theory)
	III	BP304T	Pharmaceutical Engineering
	IV	BP403T	Physical Pharmaceutics II
Third Year B.Pharm	VI	BP605T	Pharmaceutical Biotechnology
Final Year B.Pharm	VII	BP706PS	Practice School
	VIII	BP814PW	Project work

RESEARCH STUDENT GUIDED/ONGOING

Degree	Specialization	Ongoing	Completed
Ph..D (Tech)	-	-	-
M. Pharm	-	-	-
B.Pharm	Pharmaceutics	1	1

AREA OF RESEARCH

- Pharmaceutics
- Formulation Development
- Product Development and Research
- Novel drug delivery system
- Cosmeceuticals
- Nanotechnology

LIST OF PUBLICATIONS

1. Priyanka Joshi Jain, Nikhil Prem Rajnani, Nalini Satish Kurup, Cannabis sativa: A Versatile Herb—An Overview on Pharmaceutical and Cosmetic Applications, a book chapter in Cannabis sativa Cultivation, Production, and Applications in Pharmaceuticals and Cosmetics, Published by IGI Global, Page No. 63-80 in March 2023.
2. K Mulrajani, N Rajnani, N Kurup, Nanococheleates and Drug-Phospholipid Complex: Novel Approaches for Phospholipid Based Oral Delivery of Anti-Cancer Agents, Indian Journal of Pharmaceutical Sciences, Published on 4th February 2023, Page 13-22.
3. Dr. Swati Patil, Dr. Nalini Kurup, Dr. Mrs. Urmila J Joshi(Principal), Ms. Rujuta Gandhi Ms. Aliefia Lehari Mr. Nikhil Rajnani, Management of Hridayaroga using an Ayurvedic approach, a book chapter in Ayurvedic Remedies for the Heart Diseases book, published by Academic Decipher Press, Mumbai in February 2023.
4. Nikhil Rajnani, Nalini Kurup “Chronology of Drug Development for Malaria”, a book chapter in Wiley online book edited by Pravin Kendrekar, Published on 5th August 2022, Page No. 1-23.
5. Rajnani Nikhil, Shaikh Sohel, Kurup Nalini, “Solubility Enhancement of Valsaratan using modified porous starch as a carrier”, International Journal of Pharmaceutical Research, Vol 11, Issue 1, 2019
6. Rajnani Nikhil, Kurup Nalini, “Method Development of Methotrexate in Phosphate Buffer Solution by UV-Visible Spectroscopy”, International Journal of Trend in Scientific Research and Development, Vol 2, Issue 4, 2018, Page No. 1213-1215

CONFERENCE, SEMINAR, WORKSHOP, SYMPOSIUM AND WEBINARS

1. Participated in one day workshop titled “QBD Workshop hands on training” organized by Principal K. M. Kundnani College of Pharmacy’s Institute Innovation Council (IIC) in collaboration with Association of Pharmaceutical Teachers of India (APTIMS) on 29th April 2023
2. Participated in one day national seminar titled “Innovation-Optimization: A new Paradigm for the Development of Pharmaceuticals” organized by Principal K. M. Kundnani College of Pharmacy’s Institute Innovation Council (IIC) in collaboration with Association of Pharmaceutical Teachers of India (APTIMS) on 25th March 2023.
3. One day seminar by “Sympatec on particle size analysis” held at Principal K. M. Kundnani College Pharmacy, Jan 2018.
4. One day workshop on “Scientific Writing” held at Bharati Vidyapeeth’s College of Pharmacy in 2017.
5. Attended Hands on Training & Workshop on FTIR, UV-VIS Spectrophotometer & Column Chromatography at Dr. L. H. Hiranandani +College of Pharmacy, Ulhasnagar on 7th and 8th October 2016.
6. Attended Core Orientation Programme Training in Jan 2014 for 10 days at GGC Club from 13th January 2014 to 22nd January 2014.
7. Attended Initial Induction Training Programme at La- Shimmer Resort from 20TH August 2013 to 24th August 2013.
8. Underwent an Industrial training at “Sandoz Private Limited” for 30 days in June 2012, during this period we were familiarized with various departments viz: HR, Production, Tech Transfer, Quality Assurance, Ware House, SCM, Engineering & HSE, etc.
9. Attended 4th National Conference on Pharmaceutical Industry Management at the Department of Business Management, DYPDBM, Mumbai, December 17th, 2011.

PRESENTATIONS

1. Presented paper in ‘oral’ presentation on the topic “Development of methotrexate loaded Nanococheleates by trapping method for treatment of breast cancer” during APP 11 THE ANNUAL

INTERNATIONAL CONVENTION" Academia-Industry Interaction in Pharmaceutical Innovations: Paradigm Shifts and Direction for the Future"organized by APP Haryana State Branch and APP Switzerland International Branch in collaboration with APP IP-DRA & MolPharm Divisions and APP Hyderabad Local Branch at St. Pauls College of Pharmacy, Turkayamjal, Abdullapurmet, Ranga Reddy, Hyderabad, Telangana in celebration of 'Vijay Diwas 2022' on 16th-17th day of December 2022

2. Presented Paper entitle ``Design and Evaluation of Microsphere Loaded Gel of Ketoconazole for Antifungal Activity'' in the Scientific Poster Session held by 69th IPC held at Chitkara University, Rajpura, from December 22nd to December 24th 2017.
3. Presented Paper entite `` Dissolution enhancement of Valsaratan using modified porous starch in Inter-Collegiate Avishkar Research Convention, which was held at Dr. Bhanuben Nanavati College of Pharmacy on 12th December 2017.
4. Presented Poster on ``Fullerenes in Cosmetic Technology'' in One day National Seminar entitled: Diabetes: Bench to Bedside, which was held at Prin. K. M. Kundnani College of Pharmacy on 27th January, 2017.
5. Presented Poster on ``Can India be the lead in Global Generic'' in Two days National Symposium entitled: ``Current Scenario of Pharmacological Experimentation & Interpretations'', which is scheduled to be held at Prin. K. M. Kundnani College of Pharmacy on 02nd & 03rd September, 2016

PATENT

1. Application Number. 201821049300 title ``NOVEL DRUG DELIVERY SYSTEM COMPRISING METHOTREXATE'' on 27/12/2018

AWARDS AND ACHIEVEMENTS

1. Yash Ganatra, Amisha Gurnani, Niharika Puri, Gouri Sahu, Pranav Shetty, Khushboo Begwani, Nikhil Rajnani won first prize title `` Designing and evaluation of chemotherapeutic agent`` at one day national seminar `` Innovation-Optimization: A new paradigm for the development of Pharmaceuticals `` organized by Principal K.M. Kundnani College of Pharmacy on 25th March 2023, Mumbai.
2. Mr. Hrushikesh Kulkarni, Ms. Khevna Valani, Ms. Mahima Gallani, Nikhil Rajnani, Nalini Kurup and Vandana Panda have been awarded **Consolidated Prize** in the National Level Review Article Writing Competition, organized by Academic Decipher titled `` FOOD AS MEDICINE: OPTIMIZING RHEUMATOID ARTHRITIS
3. **TREATMENT THROUGH NUTRITIONAL MANAGEMENT**
4. Abrar Baig, Nikhil Rajnani, Dr. Nalini Kurup **won third price** in Rx Ekansh Techfest, Scientific Poster Presentation title ``Formulation and evaluation of transdermal (navel) route of administration for calcium and vitamin D3``
5. Nikhil Prem Rajnani and Dr. Nalini Kurup **won first prize** in an online 'oral' presentation on the topic Development of methotrexate loaded Nanocochleates by trapping method for treatment of breast cancer during **APP 11TH ANNUAL INTERNATIONAL CONVENTION, APP 5th Indo-Swiss Conference** organized by APP Haryana State Branch and APP Switzerland International Branch in collaboration with APP IP-DRA & Mol Pharm Divisions and APP Hyderabad Local Branch at St. Pauls College of Pharmacy, Turkayamjal, Abdullapurmet, Ranga Reddy, Hyderabad, Telangana in celebration of 'Vijay Diwas 2022' on 16th-17thday of December 2022.
6. **Consolidated price** on Review article Title "MANAGEMENT OF HRIDYAROGA USING AN AYURVEDIC APPROACH" in National Level Review Article Competition held on 13/06/22 by Academic decipher, Mumbai on Topic Ayurvedic Remedies to treat vital organs.
7. **Secured 2nd Place** in Core Orientation Programme Training in Jan 2014 for 10 days at GGC Club from 13th January 2014 to 22nd January 2014.

FACULTY DEVELOPMENT PROGRAMME

1. Two weeks online course title Introduction to Research organized by NPTEL From February to March 2023.

PROFESSIONAL MEMBERSHIP

ACADEMIC RESPONSIBILITIES

1. NBA Accreditation
2. Admission Scrutiny Committee
3. Administrative work
4. IIC Event organizer/ member
5. Sessional Exam in-charge
6. Sports in-charge
7. Library Committee member
8. Instrumentation repair
9. Mentoring_Students
10. Assist in Semester Examination
11. Organizing / Assisting - Seminar / Workshop
12. Project guide for Undergraduate students

OUTREACH ACTIVITY

1. Tree Plantation in Butterfly garden at Aarey Colony on 15th July 2023.

