



Shri Vile Parle Kelavani Mandal's

Dr. Bhanuben Nanavati College of Pharmacy

Gate No. 1, SVKM Campus, First Floor, V.M. Road, Vile Parle(W), Mumbai 400 056

Tel. 022-42332052/26134557 Fax. 022-26132905 E-mail: dr.bncp@gmail.com

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Annual report of the Department of Pharmaceutics

Academic Year 2019- 2020 (July2019- June2020)

Faculty

Dr.Munira Momin, Dr. Sujata Sawarkar, Dr. Padmini Ravikumar, Dr. Sujit Nair, Dr. Pramod Kadu, Dr. Prabha Singh, Dr. Meenal Rane, Dr. Prachi Pimple, Mr. Sankalp Gharat.

New Joinee: Dr. Sujit Nair and Mr. Sankalp Gharat

This annual report illustrates the various activities of the Dept. of Pharmaceutics for the Academic Year 2019-2020.

➤ Academic activity

- Theory lectures and laboratory sessions were taken as per the assigned workload and timetable for the AY 2019-2020.
- Dr. Prabha Singh and Dr. Prachi Pimple were actively involved in coordination activities for Final Year and Second Year B.Pharm students being their class teachers.
- Faculty conducted tutorials, quiz and assignments to assess the student understanding of the coursework. During lockdown activities faculty conducted virtual lectures using digital platform.
- Student mentorship and career guidance activities were conducted on a need basis for both the UG and PG students.
- The faculty actively conducted various examination related activities viz. University of Mumbai paper setting, paper correction, paper moderation, paper revaluation. In the 2nd half of academic year, i.e. even semester
- Dr. Sujata Sawarkar actively coordinated activities of academic committee, placement committee
- Dr. Padmini Ravikumar actively coordinated activities of short term certificate courses
- Dr. Prabha Singh was actively involved in activities of alumni committee and internship, industrial training and pharmacy retail training of students.
- Dr. Prabha Singh coordinated all students related activities for co-and extra-curricular, Dayitva, PHO activities.
- Dr. Prachi Pimple was actively in activities of DLLE and placement committee
- Dr. Munira Momin and Dr. Sujata Sawarkar were appointed by University of Mumbai as **members of Local Inspection Committee** and inspected affiliated colleges for B.Pharm and M.Pharm affiliations.
- Dr. Munira Momin and Dr. Sujata Sawarkar **were nominated by Vice Chancellor, University of Mumbai as subject expert on the Selection Committee** at Yadavrao Tasgaonkar Institute of Pharmacy for appointment of faculty.
- Dr. Sujata Sawarkar was appointed by University of Mumbai to set the syllabus of Pharmaceutical Regulatory Affairs and Intellectual Property Rights.
- Dr. Sujata Sawarkar and Dr. Padmini Ravikumar were invited as Subject expert at Syllabus Orientation Workshops for M.Pharm Pharmaceutics and M.Pharm Quality Assurance subjects conducted on behalf of University of Mumbai.



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➤ Extra-academic/ Extra-curricular activity

- The dept. faculties were members of many college committees. As a part of these committees they were actively involved, participated in committee meetings, resolved issues, maintained documentation and reports of the same.
- Department meetings were conducted on monthly basis
- They were actively involved in NBA and NAAC activities including compilation of files and preparation of supporting documents, collection and interpretation of data on various courses. Dr. Sujata Sawarkar, Dr. Padmini Ravikumar and Dr. Prabha Singh are active members of NBA and NAAC core committee, IQAC and PAC committee.
- Dr. Sujata Sawarkar and Dr. Padmini Ravikumar are member of College Development Committee, a statutory committee formed as per the requirements of University of Mumbai
- The faculty played an active role in organization of various courses awareness programs, seminars and workshops.
- Dr. Sujata Sawarkar has been executive council members of Controlled Release Society Indian Chapter (CRS IC) and has been members of organizing and scientific committee of seminars and workshops.
 - 18th International Symposium on Advances In Technology and Business Potential of New Drug Delivery Systems, February 2020
- Dr. Munira Momin was invited as an examiner for Ph.D. Thesis Viva-Voce Examination at Gujarat University, Institute of Chemical Technology, Savitribai Phule University Pune.
- Dr. Sujata Sawarkar was invited as an examiner for M.Pharm. Thesis Viva-Voce Examination at ICT.
- Dr. Sujit Nair was invited as examiner for Ph.D. in Molecular Medicine at Amrita School of Medicine, Amrita University.
- Dr. Sujata Sawarkar and Dr. Munira Momin collaborated with Idobro –social entrepreneurship firm to work on areas related to combating malnutrition management.



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❖ Seminars and other events organized by the department

- 2 days seminar Industry Academia Connect on 10th and 11th August 2019 in collaboration with PharmElite – **Dr. Sujata Sawarkar and Dr. Prachi Pimple were coordinators.**
- Organized 2 days AICTE sponsored National Conference QbD and PAT: an essential tool of product life cycle management on 28th and 29th August 2019. **Dr. Sujata Sawarkar** received grant of Rs 5, 00,000 from AICTE for organizing the conference. **Dr. Sujata Sawarkar and Dr. Padmini Ravikumar were coordinators.**
- Syllabus Orientation Workshop for B.Pharm Pharmaceutics subjects on behalf of University of Mumbai on 15th July 2019 – **Dr. Prabha Singh and Dr. Prachi Pimple were coordinators.**
- Syllabus Orientation Workshop for M.Pharm Pharmaceutics subjects on behalf of University of Mumbai in 16th September 2019 – **Dr. Sujata Sawarkar was coordinator**
- **First International Patient Safety Day** in collaboration with **Boehringer Ingelheim** on 17th September 2019- **Dr. Sujata Sawarkar and Dr. Meenal Rane were coordinators.**
- Demonstration and lecture workshop at BNCP on “Open SPR (Surface Plasmon Resonance) and its Applications” by inviting Nicoya LifeSciences (Canada/Japan) and Basil Biosolutions, Bengaluru on 4th January 2020 – **Dr. Sujit Nair was coordinator.**
- DOE - Minitab workshop for faculty and research students on 8th February 2020- **Dr. Sujata Sawarkar and Mr. Sankalp Gharat were coordinators.**
- Dr. Prachi Pimple organized placement talk for students in collaboration with NCS-FICCI
- Dr. Padmini Ravikumar was Convener of one week on line FDP entitled Anti-infective Discovery and Development , June 2020



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❖ Research activity

The department faculty is actively involved in research activities including publications, presentations, Invited Resource Persons and research proposal submissions.

❖ Publications

Faculty	Title of the patent / paper/ Name of the journal/ Publication date/ Impact factor
Dr. Munira Momin	<ol style="list-style-type: none"> 1. Macrophage targeted nanocarrier delivery systems in HIV therapeutics, Expert Opinion on Drug Delivery, 1-16, IF 5.55 2. Colon targeted bioadhesive pellets of curcumin and cyclosporine for improved management of inflammatory bowel disease, Drug Delivery and Translational Research, 1-14, April 2020, IF-3.11 3. Potent antitumor activity of Laccaic acid and Phenethyl isothiocyanate combination in colorectal cancer via dual inhibition of DNA methyltransferase-1 and Histone deacetylase-1, IF- 3.585. 4. Significance of Ligand-Anchored Polymers for Drug Targeting in the Treatment of Colonic Disorders, Frontiers in Pharmacology Experimental Pharmacology and Drug Discovery Front. Pharmacol., 25 February 2020, IF- 3.845 5. Formulation evaluation of ketoconazole microemulsion-loaded hydrogel with nigella oil as a penetration enhancer, Journal of Cosmetic Dermatology, 18 (6): 1–9.December 2019, IF- 1.529 6. Novel therapeutic approaches for targeting TB and HIV reservoirs prevailing in lungs, Expert Opinion on Drug Delivery, DOI: 10.1080/17425247.2019.1621287, July 2019, IF- 5.55 7. Vaginal siRNA delivery: overview on novel delivery approaches, Drug Development and Translational Research, IF-3.345



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<p>Dr. Sujata Sawarkar</p>	<ol style="list-style-type: none"> 1. Potential of low molecular weight natural polysaccharides for colon targeted formulation and its evaluation in human by Gamma Scintigraphy, Journal of Pharmaceutical Investigation –Open Access Journal of Springer Nature July 2019 2. Transdermal vitamin D supplementation—A potential vitamin D deficiency treatment, Journal of Cosmetic Dermatology, Wiley, July 2019, IF- 1.529 3. Vitamin A Delivery: Challenges, Overview of Novel Approaches, Indian Drugs, 56 (11) November 2019, pg 7-19. 4. Significance of Ligand-Anchored Polymers for Drug Targeting in the Treatment of Colonic Disorders, Frontiers in Pharmacology Experimental Pharmacology and Drug Discovery, Front. Pharmacol., 25 February 2020, IF-3.845 5. Vaginal multipurpose prevention technologies: promising approaches for enhancing women’s sexual and reproductive health, Expert Opinion on Drug Delivery, 10.1080/17425247.2020.1728251 ISSN: 1742-5247 (Print) 1744-7593 (Online), IF 5.55 6. Colorectal Cancer Management by Herbal Drug-Based Nanocarriers: An Overview, Critical Reviews™ in Therapeutic Drug Carrier Systems, 37(1):65–104 (2020), IF-2.9 7. Vaginal siRNA delivery: overview on novel delivery approaches, Drug Development and Translational Research, Springer, IF-3.345 <ul style="list-style-type: none"> • Book Chapter - <i>Ocimum Sanctum L</i>: Promising agent for oral health care management in Natural Oral Care in Dental Therapy, Scrivener Publishing LLC., and Copublisher by Wiley, USA, ISSN 978-1-119-61422. • Book Chapter - <i>Salvadora persica L</i>. (Miswak): An effective folklore toothbrush in Natural Oral Care in Dental Therapy, Scrivener Publishing LLC., and Copublisher by Wiley, USA, ISSN 978-1-119-61422. • Book Chapter : Nanomaterials for orthopaedic implants and applications, Book entitled : Handbook on Nanobiomaterials for Therapeutics and Biological Applications, Elsevier
<p>Dr. Padmini Ravikumar</p>	<ol style="list-style-type: none"> 1. Formulation and Characterization of Sustained Release Multi particulate Gastroretentive Dosage Form of Baclofen, Inventi Impact: NDDS Vol 2019, (4):204-210,2019 2. Drug delivery strategies for Helicobacter Pylori infection management: An overview, Indian Drugs , 2019, 56 (10),7-21 3. Novel user-friendly night care spray to manage skin darkening, J Cosmet Dermatol, 2019,00:1-8, IF – 1.529 4. Analytical Method development and Validation For Estimation of



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	<p>Resveratrol and Glycyrrhetic acid By RP-HPLC Method, J.Pharm Chem Biol Sci 2019; 7(2):138-146, IF-0.701</p> <ol style="list-style-type: none"> 5. Advances in encapsulated dermal formulations in chemoprevention of melanoma: An overview, J Cosmet Dermatol. 2019; 00: 1–7, IF – 1.529 6. Skin delivery of resveratrol encapsulated lipidic formulation for melanoma chemoprevention, Journal of Microencapsulation (2019):1-16, IF-2.05 7. An overview of herbal alternatives in androgenetic alopecia, J Cosmet Dermatol. 2019; 18: 966-975, IF – 1.529 8. Design of an encapsulated topical formulation for Chemoprevention of skin cancer, Int J Pharm Sci Res, 2019; Vol. 10(1): 309-319. <ul style="list-style-type: none"> • Book Chapter : Nanomaterials for orthopaedic implants and applications, Book entitled : Handbook on Nanobiomaterials for Therapeutics and Biological Applications, Elsevier
Dr. Sujit Nair	<ol style="list-style-type: none"> 1. Current insights into interethnic variability in testicular carcinogenesis: Population pharmacogenetics, chemotherapy-induced toxicities, and molecular signal transduction. Current Topics in Medicinal Chemistry. Accepted 2020. Scopus-indexed – IF -3.442. 2. Peñas-LLedó EM, Terán E, Sosa-Macías M, Galaviz-Hernández C, Gil JP, Nair Sujit et al. Barriers and proposals for clinical pharmacogenetic research studies in resource-limited settings: Conclusions from WHO-CIOMS-RIBEF. Clinical Therapeutics, Accepted 2020. Scopus-indexed. IF-2.935 3. Current translational insights into MGMT methylation regulating temozolomide sensitivity and resistance in glioblastoma multiforme. Current Pharmacogenomics and Personalized Medicine. Bentham. 17 (1-18), 2020. Scopus-indexed. 4. Emerging insights into anticancer chemopreventive activities of nutraceutical Moringa oleifera: molecular mechanisms, signal transduction and in vivo efficacy. Current Pharmacology Reports. Springer Switzerland. 6(2): 1-16, 2020. Scopus-indexed. <ul style="list-style-type: none"> • Book Chapter Immunotherapy for Autoimmune Diseases. Book Chapter in Immunotherapy: A Novel Facet of Therapeutics, Springer Singapore 2020.- communicated
Dr. Prabha Singh	<ol style="list-style-type: none"> 1. Novel spectrophotometric method for simultaneous determination of curcumin and diclofenac diethylamine in developed dosage form, Int J Pharm Sci Res, 2019; ISSN: 1873-4251 (Online) ISSN: 1570-162X (Print), IF -0.83.



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	2. Controlled Release Gel Encompassing Curcumin Microspheres and Diclofenac Diethylamine for Feat Against Arthritis Inflammation, Current Rheumatology Reviews, ISSN: 1875-6360 (Online) ISSN: 1573-3971 (Print), IF-1.520
Dr. Pramod Kadu	1. Possible Benefits of Considering Glutamate with Melatonin or Orexin or Oxytocin as a Combination Approach in the Treatment of Anxiety, Current Pharmacology, 2198641X. 2. Assessment of Antidiabetic Activity of Combination of Murraya koenigii Leaves Extract and Vitis vinifera Seeds Extract in Alloxan-induced Diabetic Rats, Journal of Reports in Pharmaceutical Sciences, ISSN: 2322-1232
Dr. Prachi Pimple	<ul style="list-style-type: none"> Determination of Dexibuprofen and Tramadol HCL by simultaneous UV spectroscopic method from bulk and Pharmaceutical dosage form IJRPC 2020,10 (2),254-259, ISSN:2231-2781.

❖ Patents

Dr. Munira Momin : 4 under examination

Dr. Sujata Sawarkar : 1 under examination, 5 published, 1 filed

Dr. Padmini Ravikumar: 1 filed, 1 published

❖ Presentations

Dr. Munira Momin	Bioadhesive colon targeted pellets for the management of irritable Bowl syndrome at AAPSci Tech Annual convention, San Antonio, TX, organized by AAPS, 4th -5th November 2019
Dr. Sujata Sawarkar	<p>Management Of Periodontitis Using Essential Oil Based In-situ Gelling System, 2019 Controlled Release Society Annual Meeting & Exposition at the Palacio De Congressos Valencia, Spain, July 21-24, 2019.</p> <p>Formulation and Dissolution method development of Nutraceutical tablet for Hyperlipidemia, Dissolution Research Presentation Online organized by Society for Pharmaceutical Dissolution Study. Paper was presented at all INDIA semifinal level</p>



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Dr. Padmini Ravikumar	Foams and Hydrogel Sponges for chronic wounds of burns and diabetes – Poster presentation at India-International Science Festival(IISF) as part of RGSTC project
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• **Avishkar December 2019**

Dr. Munira Momin	Formulation and Characterization of Bio-adhesive pellets for the management of Helicobacter pylori infection.
	Comparative evaluation of novel nanocarriers containing Berberine hydrochloride and Indomethacin for the management of Rheumatoid Arthritis
	Reverse engineering and formulation by QBD of Olopatadine Hydrochloride ophthalmic solution.
Dr. Sujata Sawarkar	Anti-Biofilm and In Vitro Anti Bacterial Activity of Moxifloxacin Hydrochloride Periodontal Insitu Gel
Dr. Padmini Ravikumar	Design of novel polymeric Hydrogels containing Asiaticoside for burn wounds.
	Herbal Saw palmetto emulgel for Androgenetic alopecia.
Dr. Pramod Kadu	Ketoconazole and Tea Tree oil loaded micro sponge based gel: Potential Treatment for Seborrheic dermatitis
	Gel electrophoresis for the determination of adulterants in Turmeric and Jaggery
Dr. Meenal Rane	Ketoconazole and Tea Tree oil loaded micro sponge based gel: Potential Treatment for Seborrheic dermatitis

➤ **INVITED AS RESOURCE PERSONS / TALKS/ CHAIR PERSONS/JUDGES**

Dr. Munira Momin	<ul style="list-style-type: none"> Challenges, opportunities and Recent advances in Cancer therapeutics and its molecular targets – invited talk at AICTE sponsored FDP at Konkan Gyanvidhyapith College of Pharmacy, Karjat on 18th July 2019.
	<ul style="list-style-type: none"> USIEF sponsored Nehru-Fulbright International seminar organized by USIEF-IIIE at Washington DC on 19th October 2019.



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	<ul style="list-style-type: none"> Emerging trends in Pharmaceutical Sciences – invited talk at AICTE sponsored FDP at H K College of Pharmacy on 7th December 2019 Invited as expert and panelist for Behaviour Change Campaign to Combat Malnutrition” at the RISE World Summit in January 2020 at IIT Powai. Invited talk in Webinar on Nehru-Fulbright Fellowship by USIEF on 20th May 2020 PM Fellowship for SERB CII fellowship organized by AICTE CII in May 2020
Dr. Sujata Sawarkar	<ul style="list-style-type: none"> Chair person and judge at AICTE sponsored National Conference on Challenges in the Development of Generic & Biosimilars organized at Principal K.M. Kundanani College of Pharmacy 5th October 2019 Judge at Cosmecure Vortex at Institute of Chemical Technology on 11th October 2019. Delivered talk Research potentials and projects being conducted at Kasturba Research Centre as part of meeting with Faculty of Carle Illinois College of Medicine on 17th October 2019 Invited as expert and panelist for Behaviour Change Campaign to Combat Malnutrition” at the RISE World Summit in January 2020 at IIT Powai. Chaired scientific session in Controlled Drug Delivery at 18th International Symposium on Advances In Technology and Business Potential of New Drug Delivery Systems, 28th – 29th February 2020. Speaker and Panelist for the webinar Career scenario Post Covid 19 - Indian Pharmaceutical Industry, National Career Service Federation of Indian Chambers of Commerce and Industry on 22nd May 2020.
Dr. Padmini Ravikumar	<ul style="list-style-type: none"> Evaluator for Avishkar Poster presentation by C U Shah College of Pharmacy in February 2020.
Dr. Sujit Nair	<ul style="list-style-type: none"> Invited Talk on “Education, values and attitudes and relevance of the cultural context for clinical research: Views from India” at Symposium on Medicines and Global Health: Education, Socio-cultural Context and Ancient Knowledge – Latin American, European and Asian views” organized by Phi Foundation (Spain) and RIBEF (Iberoamerican Network of Pharmacogenetics



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	and Pharmacogenomics, Latin America).
	<ul style="list-style-type: none"> Invited Talk on “Computer-Aided Drug Discovery & Pharmacometric Modeling and Simulation” at Bharati Vidyapeeth’s College of Pharmacy to 120 students of MPharm from various colleges of Mumbai University.
	<ul style="list-style-type: none"> Lectures for the students of Clinical Research Diploma at SVKM’s Shri C.B. Patel Research Centre in January 2020.
	<ul style="list-style-type: none"> Resource person for research and Publication workshop organized by BNCP in May 2020.

➤ RESEARCH PROJECTS

No.	Project Title	Sponsoring Agency	Investigators	Grant Amount (INR)	Status
1	Development and Evaluation of biodegradable microneedle patch for Management of Migraine	University of Mumbai	Munira Momin	65,000	ongoing
2	Synthesis, development and Efficacy study of Chlorotoxin functionalized hollow Gold nanoparticles for therapy of Glioblastoma	DST-SERB, Govt. of India	Munira M. Tabassum K.	27,11,000	ongoing
3	Development of Nanofibers containing small peptides for effective wound management	AICTE-RPS	Munira M.	13,77,000	ongoing
4	Formulation Development and Evaluation of Novel Gel for Vaginal Drug Delivery for Prevention of HIV Transmission and Contraception	Rajiv Gandhi Science and Technology Commission	Sujata S Munira M	14,20,00	ongoing



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5	Development of Nanoemulgel for arthritic inflammation and pain based on ethnomedicinal plants of Western India	Rajiv Gandhi Science and Technology Commission	Munira M. Tabassum K.	17,42,000	Ongoing
6	Fortified Nutraceuticals of Acacia nilotica pods, - A healthy product for geriatric patients	Rajiv Gandhi Science and Technology Commission	Tabassum K. Munira M.	18,42,000	Ongoing
7	Synthesis, development and Efficacy study of Functionalized hollow Silver nanoparticles for therapy of Glioblastoma	BRNS-DAE	Tabassum K. Munira M.	34,77,000	Ongoing
8	Overview of QbD and PAT, the quintessential elements of Product Life Cycle Management	AICTE-GOC	Sujata S.	5.07 lakhs	Completed
9	Modernization of Cell Culture and Pharmacology Lab	AICTE MODROBS	Sujata S.	15,00,000	Ongoing
10	Formulation Development and Evaluation of Sustained Ocular Delivery of Antiretroviral to cater unmet therapeutic needs	EFFORT Grant, Electrolab Mumbai	Sujata S.	7,06,000	Ongoing
11	Colon Targeted Formulation of Quinacrine Hydrochloride and Resveratrol for Colorectal Cancer Management	University of Mumbai	Sujata S.	60,000	Ongoing
12	Formulation development of metered dose inhaler	Cipla Ltd.	Sujata S. Prachi P.	65,000	Completed
13	Development and evaluation of novel topical formulations for skin cancer	Abbott Health Care Ltd.	Padmini RK	5,33,000	Ongoing



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14	Development and evaluation of novel topical formulations	Abbott Health Care Ltd.	Padmini RK	4,89,000	Sanctioned
15	Development of Novel Drug Delivery System for Antiretroviral Acyclovir	University of Mumbai	Prabha S.	60,000	Ongoing
16	Formulation development and evaluation of cosmeceutical formulations	Oracle Lifesciences	Meenal R.	2,60,000	Ongoing

❖ Industry Connect

- Dr. Sujata Sawarkar, Dr. Padmini Ravikumar, Dr. Meenal Rane & Dr. Prachi Pimple are actively involved in industry consultancy projects

❖ Awards Received

Dr. Munira Momin

- International

Nehru-Fulbright International administrator excellence award for Administrators of Higher Education, 2019.

- National

IDMA-ACG Best Research Paper 2019 Award

Dr. Sujata Sawarkar

- Institutional

Research and Industry Outcome Award in February 2020

- **Received travel grant Rs. 1, 37,000 from AICTE for attending CRS symposium, Valencia Spain.**

Dr. Padmini Ravikumar

- Institutional

Research Grant writing in February 2020



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❖ QIP/FDP/Training program//seminar/workshop

Faculty	FDP	Training program/workshop	seminar/webinar
Dr. Munira Momin	2	2	7
Dr. Sujata Sawarkar	4	2	28
Dr. Padmini Ravikumar	3	3	30
Dr. Sujit Nair	2	2	37
Dr. Prabha Singh	4	2	30
Dr. Pramod Kadu	2	2	20
Dr. Meenal Rane	2	2	20
Dr. Prachi Pimple	3	2	10
Mr. Sankalp Gharat	1	2	10

- ❖ **Designing of new syllabus:** Dr. Sujata Sawarkar and Dr. Padmini Ravikumar were actively involved in syllabus design of courses for C.B. Patel Research Centre.

❖ Google scholar citations

Faculty	Google scholar citations	h-index	i-10 index
Dr. Munira Momin	200	11	14
Dr. Sujata Sawarkar	23	3	1
Dr. Padmini Ravikumar	53	6	5
Dr. Sujit Nair	174	18	18
Dr. Prabha Singh	3	2	0
Dr. Pramod Kadu	14	3	1
Dr. Meenal Rane	1	1	0
Dr. Prachi Pimple	-	-	-
Mr. Sankalp Gharat	-	-	-



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Faculty appraisal

Faculty	Total API	Appraisal date
Dr. Munira Momin		June 2020
Dr. Sujata Sawarkar		June 2020
Dr. Padmini Ravikumar		June 2020
Dr. Sujit Nair		June 2020
Dr. Prabha Singh		June 2020
Dr. Pramod Kadu		June 2020
Dr. Meenal Rane		June 2020
Dr. Prachi Pimple		June 2020
Mr. Sankalp Gharat		June 2020

Prepared by:

Dr. Sujata P. Sawarkar

June 29th, 2020

Coursera Courses

Faculty	Ongoing	Completed	Total
Dr. Munira Momin		3	3
Dr. Sujata Sawarkar	3		3
Dr. Padmini Ravikumar		3	3
Dr. Sujit Nair	2	2	4
Dr. Prabha Singh	2	4	6
Dr. Pramod Kadu	2	1	3
Dr. Meenal Rane		4	4
Dr. Prachi Pimple	2	1	3
Mr. Sankalp Gharat	2		2
TOTAL	13	18	31



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Publications during lockdown

Faculty	Communicated	Under review	Accepted
Dr. Munira Momin			
Dr. Sujata Sawarkar	2 + 1 chapter	1	1
Dr. Padmini Ravikumar	4 + 1 chapter		
Dr. Sujit Nair	11		3
Dr. Prabha Singh	2	1	
Dr. Pramod Kadu	3		
Dr. Meenal Rane	3		
Dr. Prachi Pimple	2		
Mr. Sankalp Gharat	1		



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Three Year Summary of Pharmaceutics Department

Research Activity Summary

Details	AY 2017-2018	AY 2018-2019	AY 2019-2020
Research projects sanctioned /ongoing (Govt+ Industry)	17	17	16
Industry consultancy	3	2	3
Research projects submitted	2	2	2
Publications	9	12	30
Impact factor	18.022	20.289	52.558
Book chapter	2 books 2 chapters	2 chapters	3 chapters
Patents (filed/published/granted)	2	9	9