



MGM SCHOOL OF PHARMACY

(Constituent Unit of MGM Institute of Health Sciences
Deemed to be University u/s 3 of UGC Act 1956)

Grade 'A++' Accredited by NAAC

Plot no-01, Kamothe, Navi Mumbai – 410 209

Approved by PCI (Pharmacy Council of India)

Name of the Faculty: **Dr. (Mrs.) Nirmal M. Kasekar**

Designation: **Professor**

Date of Joining: 18/07/2023

Email ID: nirmalkasekar1978@gmail.com , nmk0182.bviop@gmail.com

Contact No: 9819735658

EDUCATIONAL QUALIFICATION:

Degree	Specializations	Awarding University	Awarded Year
LLB	IPR & Law of medicine	University of Mumbai	Pursuing
DIPL	-	Bharti Vidyapeeth, deemed to be University	2020
Ph. D.	Pharmaceutics	University of Mumbai	2021
M. Pharm	Pharmaceutics	University of Mumbai	2010
DMM	-	L.N. Welingkar Institute of Management, Matunga	2000
B. Pharm	Pharmacy	University of Mumbai	1999

PROFESSIONAL EXPERIENCE:

- ❖ Working as a Professor and Incharge Principal from 1st Jan 2025 to till date in MGM School of Pharmacy, Kamothe, Navi Mumbai.
- ❖ Working as a Professor and Vice Principal from 18th July 2023 to 31st December 2024 in MGM School of Pharmacy, Kamothe, Navi Mumbai.
- ❖ Worked as a I/C Principal from Aug 2020 to July 2023 at Bharati Vidyapeeth, Institute of Pharmacy (D. Pharm), CBD Belapur, Navi Mumbai.
- ❖ Worked as an Assistant Professor Bharati Vidyapeeth, Institute of Pharmacy, CBD Belapur, Navi Mumbai. 16th August 2001 till 1st Aug 2020
- ❖ Worked as a Visiting Lecturer Bharati Vidyapeeth, College of Pharmac, CBD Belapur, Navi Mumbai.
- ❖ As Apprentice Trainee at Pfizer Ltd. Thane Plant from Aug 1999- Aug 2000



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TOTAL EXPERIENCE IN YEARS:

- ❖ Teaching: 25 Years (5 years Administration)
- ❖ Industry: 1 Year

PROFESSIONAL MEMBERSHIPS:

- IPA (MAH/BOM/LM/1467)
- APTI (MA/LM-1660)
- Maharashtra State Pharmacy Council (53017)

AREA OF RESEARCH:

- ❖ M. Pharm: “A Design and Evaluation of A Novel Drug Delivery System” (Gastroretentive Tablet)
- ❖ Ph. D.: “Bioavailability Enhancement of BCS class II Drugs and Formulating a Drug Delivery System Suitable for Oral Administration”(Polymeric Nanoparticles)

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ I/C Principal
- ❖ Chairperson of BOS
- ❖ Member of IQAC
- ❖ Member of Academic Council
- ❖ Member of IIC
- ❖ Incharge Hospital Pharmacy

ACHIEVEMENTS/AWARDS:

- ❖ Received '**Global Changemakers Award**' at the hands of Padmashree Dr. Shah and Padmashree Grishji Prabhune in Feb 2021.
- ❖ Article entitled “**Responsible use of antibiotics saves life**” was awarded **First position** in Article writing competition conducted by IPA (Indian Pharmaceutical association) for Pharmaceutical Teachers of India.
- ❖ **Corona Savior award** by Anti Corona Task Force
- ❖ Received **Hirkani Award** from NMMC cooperator in year 2018

PATENTS:

- ❖ Modified extraction equipment. UK Design, Design no: 6362939.



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PUBLICATIONS:

- ❖ Kasekar NM, Jadhav KV, Gadge S, Jadhav S, Gupta A, Jain P, Handva A, "Formulation and evaluation of polyherbal handwash" *IJRAR*, 2023, 10(2), 437-440
- ❖ Kasekar NM, Karale MM, Bhosale AA, Dagde A K, **PHARMACY: An ultimate solution for your health**, *Pharmaceutical Resonance* 2022 (4), 38-43
- ❖ Kasekar N M., Is Online study is more effective than the traditional one? *ACPI Newsletter*, 2022, 8-9
- ❖ Kasekar NM, Wanegaonkar A, Jagtap S, Bhosale S., Karonda (carissa carandas linn.) An underutilized fruit: A ray in potential nutraceutical, *World Journal of Pharmacy and Pharmaceutical Sciences*. 2021:2357-69
- ❖ Kasekar N.M., Patil HC, Kadam VJ, Pol SL, Karale MM, **Phytochemistry: Recent Trends and application**, *International journal of Biology, Pharmacy and Allied sciences*. 2021, 10(8), 2805-2817
- ❖ Kasekar N M, Singh S, Kisan R. Jadhav and Kadam V J., "BCS class II drug loaded protein nanoparticles with enhanced oral bioavailability: *in vitro* evaluation and *in vivo* pharmacokinetic study in rats" **Drug Development and Industrial Pharmacy**. 2020:1-8
- ❖ Kasekar N M, Gharat K B, Jadhav K D, Jain D L, Kadam VJ, "Current Trends in Transdermal Drug Delivery" **International Journal of all Research Education and Scientific Methods**, 2021, 9(6), 538-549.
- ❖ Kasekar N. M., Hajare F. P., Jadhav K. V., Kadam V. J. "Antibiotic resistance: Global threat to public health" **European Journal of Pharmaceutical and Medical Research**. 2020. 7(3), 250-254
- ❖ "Industry 4.0 and Indian Education System" *MSBTE News Letter* January
- ❖ "Developing Online Interactive Environment for Science Teaching and Learning" *Science Utsav* 20-21
- ❖ Kasekar N M, Gharat K B, Bokade A S, Kadam V J "Ayurveda: The Mystery of life" **British journal of Pharmaceutical and Medicinal Research**, 2019; Volume 4, Issue 3, 1801-1809
- ❖ Kasekar N M, Shilpa Godiyal C, Kisan Jadhav R, Vilasrao Kadam J "Polymeric nanoparticles: A promising tool to enhance solubility of poorly water-soluble drug." **Current Drug Therapy**. 2019; 15[1]: 67-77
- ❖ Kasekar N M, Gharat K B, Bokade A S, Kadam V J "Neutraceuticals and Health" **World journal of Pharmaceutical Research**; 2019, Volume 8(7), 356-367
- ❖ Kasekar N M, Shilpa C. Godiyal, Sarabjit Singh, Kisan. R. Jadhav, Vilasrao. J. Kadam "Solubility study: An effective tool for formulation of successful drug delivery system for BCS class II drug", **British Journal of Pharmaceutical and Medical Research**. 2018; 3[4]: 492-497



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- ❖ Kasekar N M. Presented paper (oral) on “Moving towards better understanding of environment” in Science Utsav 2018
- ❖ N.M.Kasekar ,Shilpa C.Godiyal, Kisan. R.Jadhav, Dr.Vilasrao. J. Kadam “Development and Validation of a Simple and Rapid HPLC Method for Determination of Itraconazole in Bulk and Marketed Formulation” Der **Pharmacia Lettre**, 2017, 9 [10]: 36-43
- ❖ “Responsible use of antibiotics saves life” was awarded **first position** in **National level** Article writing competition conducted by IPA for Pharmaceutical Teachers.
- ❖ Presented paper (oral) on “Use of ICT in Classroom” in Science Utsav 2017
- ❖ Kasekar, N M., Gupta, G., Jadhav, KR., Kadam, VJ. A Review on colon targeted drug delivery. **World Journal of Pharmacy and Pharmaceutical Sciences**. 3(6), 580-603(2014)
- ❖ Kasekar, N M., Gupta, G., Jadhav, KR., Kadam, VJ. A review on melatonin – a miraculous drug and its applications. **World Journal of Pharmacy and Pharmaceutical Sciences**. 3(6), 1974- 1985(2014).

PRESENTATIONS:

- ❖ Author for a Poster on “MELATONIN GASTRO RETENTIVE TABLET FOR PERORAL DELIVERY” at 10th **International Symposium** on “Advances in technology and Business Potential of New Drug Delivery System” by CRS in Jan’2010.
- ❖ Participated in e poster presentation held by **Hamdard Educational and Charitable Trust (R), Hubli**. Roles of Pharmacists in Fighting Against COVID-19 Pandemic, **Theme: How Community Pharmacists are helping to manage and prevent the spread of COVID-19**
- ❖ Participated in e poster presentation held by JES'S College of Pharmacy, Nandurbar, **Theme: ROLE OF PHARMACY PROFESSIONAL IN COVID -19**

SEMINARS/ WORKSHOPS/ CONFERENCES/ SYMPOSIUM/ WEBINARS:

2023-2024

Sr. No.		Duration
1.	NEP 2020 Orientation & Sensitization Programme	20-11-2023 to 29-11-2023
2.	FIP Digital Event "New roles of pharmacists in antimicrobial resistance: fungal disease managemnt"	21-11-2023
3.	Designing, mapping and assessing Educational Outcomes	02-04-2024
4.	Training of Trainers (ToT) for Continuous Educational Program	23-06-2024



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2022-2023

1	Introduction to Patents India and Global Perspectives Organized by Indian Council of Social Science Research, Western Regional Center, University of Mumbai-
2	National Intellectual Property Awareness Mission Organized by Ministry of Commerce and Industry, Department of Promotion of Industry and Internal Trade Office of Controller General of Patent, Designs and Trade Marks.
3	Right to Information Act 2005- Regulators Perspective and Implementation Aspects Organized by All India Drugs Control Officers' Confederation Training Academy
4	34th Annual Conference of Indian Pharmaceutical Graduates Association, MS in collaboration with Drug Inspectors Welfare association (DIWA) 24th and 25th September 2022

2021-2022

SR. NO.	NAME OF TOPIC	ORGANIZING INSTITUTE	DATES	
			FROM	TO
1	"Social determinants of wellness and lifestyle"	Ahilyabai Holkar D Pharmacy College, Boradi Dhule with Medispin	09/06/ 2021	13/06/2021
2	International webinar on "Medication Errors in Community Pharmacies: Potential Causes and Prevention strategies"	Association of Community Pharmacists of India (ACPI)	30/07/2021	
3	Understanding the Causes and management of Chronic Venous insufficiency (Varicose Veins)	The Oxford College of Pharmacy, IQAC, Bengaluru	24/07/2021	-
4	Patenting in Pharmaceuticals	NCRD college of Pharmacy	15/07/2021	17/07/2021
5	AICTE Sponsored STTP webinar Theme: Educational program for Pharmacy teachers on Orientation of Recently Admitted Students.	Rajashri Shahu College of Pharmacy, Buldhana	9/8/2021	14/8/2021



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6	Market Research - A Promising Career Opportunity	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai	14/10/2021	-
7	Looking beyond the traditional career options for Pharmacist	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai	9/10/2021	
8	Patents India and Global Perspective	BVIMSR Navi Mumbai	18/11/2021	-
9	Research Methodology and Funding opportunities	Data Meghe Colg of Pharmacy Wardha	15/01/2022	-
10	Research Writing and Publishing	St Paul colg Hyderabad and CliMed Research Solution India	5/2/22	18/2/ 22
11	Education prog. for pharmacy teachers on orientation on recently admitted students	Rahjashri Shahu Colg of Pharmacy and AICTE	22/2/22	28/2/22
12	IPR Fundamentals and Case Study	Datta Meghe College of Pharmacy, Wardha. AICTE sponsored	29/4/22	-

2020-2021

SR. NO.	NAME OF TOPIC	ORGANIZING INSTITUTE	DATES	
			FROM	TO
1	11 th Series WEBINAR on “REGULATORY AFFAIRS- AN INTERESTING AND CHALLENGING PROFESSION”	Shri Gajanan Maharaj Shikshan Prasarak Mandal's Sharadchandra Pawar College of Pharmacy Dumbarwadi (Otur), Tal-Junnar, Dist-Pune-412409	05/06/2020	-
2	International webinar entitled “ROS Mediated Control and cure for Cancer”	Deppartment of Science and Humanities, Dr. N.G.P. Institute of Technology, Coimbatore-641048, Tamilnadu	13/06/2020	-
3	“Comprehensive Workshop on Guldelines of CPCSEA for Animal Experimentation”	SIRTS-P Sagar Group of Institutions	12/06/2020	-
4	National Webinar Methods of Isolation & Purification of Bioactive Compounds from Medicinal Plants and Its In Vivo Studies	G.K.S. College of Arts, Commerce and Science Khadavali, Tal-Kalyan, Dist-Thane-421605	13/06/2020	-
5	Paradigm Shift in Teaching @ Learning in Post Covid -19 Era	Bhopal in Association with Sagar Society of	18/06/2020	20/06/2020



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		Interdisciplinary Research & technology & APTI		
6	Herbal Excipients in Finished Pharmaceutical Products – A New Venture	Bharati Vidyapeeth College of Pharmacy with Natucare India Mumbai	21/06/ 2020	-
7	Application of HPTLC Technique in the Evaluation of Primary and Secondary Metabolites	Anchrom Enterprises (I) Pvt Mumbai.BVCOP Navi Mumbai.	22/06/ 2020.	-
8	Role of Technology in Higher Education	Sharadchandra Pawar College of Pharmacy Otur- Pune.	25/06/2020	-
9	Intellectual Property Right s Awareness: Patent Drafting	Research & Development Cell	23/07/2020	25/07/2020
10	Women's Empowerment Summit 2020	Konkan Gyanpeeth Rahul Dharkar College of Pharmacy & Research Institute, Karjat	31/07/2020	02/08/2020
11	2 nd PHARMATHON,Digital Connect Conclave	Pharmathon Hospital SCM & Pharmacy Conciave	02/08/2020	-
12	'Brand Development – A Case Studay'	Vyaktitv Club	-	-
13	National Webinar on "Role of Pharmacist in Patient Counseling"	NCRD's Institute of Pharmacy, Nerul, Navi Mumbai	22/09/2020	-
14	World Heart Day 2020, an International Webinar on "Use Hear beat Cardiovascular disease"	Indian Pharmaceutical Association-Students'	29/09/2020	-
15	National Conference on Industry 4.0	Department of Industrial Electronics & Computer Engineering	28/10/2020	29/10/2020
16	"Inculcating Universal Human Values in Technical Education"	All India Council for Technical Education (AICTE).	14/12/2020	18/12/2020
17	World wide survey-The world before and after Corona	Yashwantrao Bhonsale College of Pharmacy, Sawantwadi and Yashwantrao Bhonsale College of D. Pharmacy, Sawantwadi	06/01/2020	-
18	Patent- India and Global Perspective (FDP)	Bv institute of Management Studies Navi Mumbai	18/11/ 2020	-



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2005-2017

1. **10th International Symposium on “Advances in technology and Business Potential of New Drug Delivery System”** organized by CRS on 17-18 February 2010
2. A One-day seminar on **“Emerging Trends in Pharmaceutical Technology”** at BVCOP C.B.D., Navi Mumbai on 29th January 2005.
3. **2ND National Conference on Health & Hospital Management”** organized by Padmashree Dr. D. Y. Patil University, Navi Mumbai on 26th September 2009.
4. A two-day seminar series on **“Practical aspects of formulation development, analytical chemistry and quality assurance”** 8th -9th Oct 2010
5. A one-day seminar on **“Increased Drug Failure In Market: Safety Questionable: On 6th August 2011**
6. A one-day seminar on **“Research project: Inception to Translation”** on 12th January 2013
7. **“M-Spec: A one-day seminar on Mass Spectroscopy”** on 8th March 2014
8. A one-day seminar cum workshop entitled **“Pharmaceutical Coating Technology- An Industrial Approach”** on 22nd August 2015
9. A one-day seminar **“Research Methodology”** Theme **“Channelize your Research from Lab to Public Domain”** 10th December 2016
10. A one-day seminar entitled **“Flowcat Synthochem”** Theme **“Envisioning the future of Drug Chemistry”** 17th January 2017.

BOOKS / MONOGRAPHS:

- ❖ Pharmacy Law and Ethics ISBN: 978-81-959012-0-3
- ❖ Hospital and Clinical Pharmacy ISBN: 978-81-956361-9-7
- ❖ An underutilized fruit: A ray in potential Nutraceutical, Emerging Challenges in Agriculture and Food Sciences.

FACULTY DEVELOPMENT PROGRAMME:

- ❖ Attended MSBTE sponsored three days' workshop for pharmacy teachers held at Pune entitled **“Recent Trends in Pharmaceutical Technology”** on 8th, 9th and 10th Jan 2015



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- ❖ Attended three-day **Industrial training program** at Nutralytica, Nashik, 2018-19
- ❖ Attended three-day **Industrial training program** at Blue Cross, Nashik, 2019-20
- ❖ Successfully completed MSBTE sponsored 4 week online FDP on “**Tools for Online Teaching learning process,**” from 20th April to 17 May 2020, conducted by GP, Jalgaon.
- ❖ Successfully completed MSBTE sponsored one week FDP on “**NBA norms and Preparation of SAR criteria 1-9**” from 25th-29th May 2020 conducted by RIT, Rajaramnagar.
- ❖ Successfully completed 5 days online FDP on “**Building research and innovative culture among pharmacy teachers**” from 18th-22th May 2020 organized by D.Y. PATIL Pimpri, Pune in association with APTI.
- ❖ Successfully completed one Week National Level e-Faculty Development Programme on “**Comprehensive Quality Initiatives for Higher Education in Pandemic Era**” organized by Internal Quality Assurance Cell of Uka Tarsadia University (UTU), Bardoli, Gujarat during 26 – 30 May 2020.
- ❖ Successfully completed five days FDP from 30th May to 3rd June on **Evolution from offline to online Teaching**” organized by Satish Pradhan Dnyansadhna College, Thane in association with It department Mumbai University and Microsoft

CONTRIBUTION TO MARATHI LITERATURE:

- ❖ Two Marathi kavita (Poems) publishes in booklet “Bandha Bhavananche”
- ❖ Orally presented one poem entitled ‘Paaus’ in kavya sandhya “Shrawan Saari”
- ❖ Marathi article published in “Aapla Diwali Ank 2019” प्रतिजैविकांचा जबाबदार वापर जीव वाचवितो
- ❖ Marathi article published in monthly magazine “Maze Vyaspeeth” November 2019, भारतात जेनेरिक ड्रग्स: जागरुकता आवश्यक
- ❖ Marathi article published to newspaper, प्रथमोपचार आणि प्रथमोपचार किट / बॉक्स
- ❖ Stood Second in Charoli making competition held by Maharashtra Sakhi Manch 2020.
- ❖ Marathi Poem शेतकरी Published in Shabda Sawand Diwali Ank 2021
- ❖ Article on Enteric coating is published in Pink Magazine published by Navi Mumbai Doctors Foundation 2021



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SOCIAL ACTIVITIES:

- ❖ Delivered a seminar on safe use of drugs and patient compliance to orphan children at Navjeevan Ashasthan at Nerul.
- ❖ Delivered a seminar on meals, medicine and importance of compliance to members of Anand Ashram, an old age home at Nerul.
- ❖ Delivered a seminar on “Safe disposal of used medicines and empty cartons” to members of Anand Ashram CHS at Vashi Navi Mumbai.
- ❖ In collaboration with NMRCWA conducted sessions for school children of many NMMC schools on “OTC medicines, Safe disposal of used medicines and empty cartons”
- ❖ Actively working with members of Robin Hood army (Group actively working for slum children)
- ❖ Currently associated with Anti Corona Task Force, Maharashtra and Goa as a coordinator of Navi Mumbai region (Female).

RESOURCE PERSON:

- ❖ Successfully conducted a guest lecture for AFMC Pune, FY D Pharm students on 29th Nov 2021
- ❖ Invitation as a Resource Person for AICTE sponsored online SPDC Workshop, by Government Polytechnic Jalgaon on deliver A talk on topic “Positive Attitude and Mental Health” on 15th Feb 2022
- ❖ Conducted sessions on “NBA process for Diploma institutes” for the faculty members of Samarth College of Pharmacy, on 13th march 2023
- ❖ Invited as a resource person for One-week online Workshop for Diploma Pharmacy, Organized by Maharani Ahilyabai Holkar College of Pharmacy, Jalgaon, Boradi
- ❖ Successfully delivered a talk on 'Medicine safety and safe disposal of packaging material' to B Ed and D Ed students of, Chembur Education Society's Chembur Sarvankash Shikshanshastra Mahavidyalaya