



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.) Pushpa Karale**

Designation: Assistant Professor

Date of Joining: 1 Feb 2025

Email ID: pushpakarale7711@gmail.com

Contact No: 9527020868

EDUCATIONAL QUALIFICATION:

Degree	Specializations	Awarding University	Awarded Year
Ph. D.	Pharmacy	Swami Ramanand Teerth Marathwada University, Nanded Maharashtra	2023
M. Pharm	Pharmacology	Swami Ramanand Teerth Marathwada University, Nanded Maharashtra	2015
B. Pharm	Pharmaceutical Science	Shivaji University, Kolhapur	2013

PROFESSIONAL EXPERIENCE:

- ❖ Working as an Assistant professor from 1 February 2025 to present in MGM School of Pharmacy, Kamothe, Navi Mumbai – 410 209.
- ❖ Worked as Assistant Professor

TOTAL EXPERIENCE IN YEARS:

- ❖ Teaching: 5 Years

PROFESSIONAL MEMBERSHIP:

- ❖ Registered pharmacist

COURSES TAUGHT:

Class	Semester	Subject code	Name of the subjects
B. Pharmacy	I	BP101T	Human Anatomy and Physiology
	II	BP204	Pathophysiology



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B. Pharmacy	IV	BP404T	Pharmacology-I
	V	BP503T	Pharmacology-II

RESEARCH STUDENTS GUIDED:

- ❖ M. Pharm: 06 students.

AREA OF RESEARCH:

- ❖ Natural Products, Hypolipidemic and anti-obesity potential of traditional medicine, Molecular Docking, Metabolic disorders etc.

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Member of IQAC

ACHIEVEMENTS/AWARDS:

- ❖ CMSRF-Fellowship during Ph. D. (SARTHI Fellowship)
- ❖ PET Examination, S. R. T. M. U. Nanded (2015)
- ❖ PG stipend by AICTE (GPAT-2013)
- ❖ Central sector Scholarship (2009-2013)
- ❖ 1st Prize in AAVISHKAR 2023- University level (PPG)
- ❖ 1st Prize in Oral presentation, International conference organized by School of Life Sciences-2022

PATENTS:

Sr. No.	Title	Year and country
1	Smart portable pill timer reminder medicine dispenser with alarm	Granted (UK Design)

PUBLICATIONS:

Sr. No.	Title of Article	Journal name/Year	IF/Indexing
1	A comprehensive study using molecular docking and network pharmacology approach to unveil the	Jordan Journal of Pharmaceutical Science (Accepted)	1.5 (Scopus)



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	anti-inflammatory targets of some natural flavonoids		
2	Antimicrobial and phytohormone production potential of <i>Azotobacter chroococcum</i> and its effect on the growth of non-leguminous plants	Research Journal of Chemistry and Environment	0.14 (Scopus)
3	LC-HRMS analysis and antihyperlipidemic effect of ethanolic leaf extract of <i>Momordica charantia</i> L.	Hacettepe University Journal of the Faculty of Pharmacy, 2022	(Scopus)
4	Quantitative phytochemical profile, antioxidant and lipase inhibitory potential of leaves of <i>Momordica charantia</i> L. and <i>Psoralea corylifolia</i> L.	Indian Journal of Pharmaceutical Sciences, 2022	0.97 (Scopus)
5	In-silico elucidation of phytoconstituents against 1LPB protein and anti-dyslipidaemic activity of <i>Psoralea corylifolia</i> Linn leaf extract	Advances in Traditional Medicine, 2022	2.0 (Scopus)
6	Effect of <i>Calotropis procera</i> leaf extracts and partitioned fractions on anti-inflammatory and analgesic activity	International Journal of Botany Studies, 2021	Web of Sci.
7	Phytochemical screening and pharmacological evaluation of <i>Aegle marmelos</i> fruit	Indian Drugs, 2020	0.7 (Scopus)
8	Antiobesity potential and complex phytochemistry of <i>Momordica charantia</i> Linn with promising molecular targets	Indian Journal of Pharmaceutical Sciences, 2020	0.97 (Scopus)
9	Complementary and alternative medicine in association with type 2 diabetes mellitus	International Journal of Current Research and Review, 2020	(Scopus)
10	Synthesis of silver nanoparticles using aqueous extract of <i>Pergularia daemia</i> and analysis of antimicrobial activity	Indian Drugs, 2020	0.7 (Scopus)
11	Inflammation: A potential scenario on novel targets and targeted drug therapy	International Journal of Pharmaceutical Sciences and Research, 2019	(Scopus)
12	Phytochemical screening and in-vivo anti-inflammatory potential of <i>Sesbania grandiflora</i>	European Journal of Biomedical and Pharmaceutical Sciences, 2018	(Scopus)
13	Advanced molecular targeted therapy in breast cancer	Research Journal of Pharmacology and Pharmacodynamics, 2018	(Scopus)
14	A review on phytochemistry and pharmacological properties of milkweed family herbs (Asclepiadaceae)	Asian Journal of Pharmaceutical and Clinical Research, 2017	(Scopus)
15	An overview on plants with anti-inflammatory potential	International Journal of Current Pharmaceutical Research, 2017	Google scholar



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16	A tick born viral diseases: Kyasanur forest disease and Crimean-Congo haemorrhagic fever in India	International Journal of Advance Research in Science and Engineering, 2017	(Scopus)
17	Preliminary phytochemical screening of various extracts and fractions of leaves of <i>Calotropis procera</i>	International Journal of Life Sciences and Review, 2016	Google scholar
18	Phytochemistry and pharmacology of milkweed family herbs (e-Book)	Lambert Academic Publishing	-
19	Phytochemical profile and antiobesity potential of <i>Momordica charantia</i> Linn (Book chapter)	IntechOpen	Web of Sci.
20	In-silico evaluation of antiobesity activity of bioactive compounds from <i>Psoralea corylifolia</i> Linn.	Conference proceeding	2022

PRESENTATIONS:

Sr. No.	Conference organization	Title of presentation	International/ National
1	Aavishkar-2023 (State level)	Polyherbal formulation for treatment of dyslipidemia and obesity	National
4	International conference on advances in bioactive molecules- 2022	In-silico evaluation of Antiobesity activity of bioactive compounds from <i>Psoralea corylifolia</i> Linn.	International
5	International conference on drug discovery and development: Lab to clinic- 2020	Assessment of anti-inflammatory and analgesic potential of <i>Calotropis procera</i>	International
6	Vishwa Pharma- 2019 SRTMU and APTI sponsored conference	Antihyperlipidemic activity of <i>Luffa acutangula</i> on mice	National
7	Vishwa Pharma- 2018	Production and characterization of biosurfactant	National
8	International conference on new paradigms in Engineering technology and management- 2017	A tick born viral diseases: Kyasanur Forest disease and Crimean-congo haemorrhagic fever in India	International
9	Vishwa Pharma- 2016	Evaluation of anti-inflammatory and analgesic activities of <i>Calotropis procera</i> using various in-vivo and in-vitro models	National

BOOKS / MONOGRAPHS:

❖ Book chapter: 02