

## *Prof. Ganesh Rangrao Pawar*

*Designation:* Assistant Professor

*Qualification:* B.Pharm. M.Pharm.

*Department:* Pharmacology

*Email Id:* grp7807@gmail.com

### Qualification Details:

<i>Education</i>	<i>Institute</i>	<i>Board/ University</i>	<i>Research Guide(s)</i>	<i>Year of Passing</i>
HSC	G. S. G. College Umarkhed	Amravati Divisional Board, Amravati	-	2012
B.Pharm.	Sudhakar Rao Naik Institute of Pharmacy, Pusad	SGB Amravati University, Amravati	-	2016
M.Pharm.	R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur	K.B.C. North Maharashtra University, Jalgaon	Dr. Sameer N. Goyal	2019

### Professional Experience:

<i>S.N.</i>	<i>Designation</i>	<i>Name of the Institution</i>	<i>Experience</i>	
			<i>From</i>	<i>To</i>
1	Lecturer	Manohar Naik Institute of Pharmacy, Umarkhed	17/08/2016	14/08/2017
2	Principal	Manohar Naik Institute of Pharmacy, Umarkhed	17/05/2022	14/06/2023
3	Asst. Professor	Kamalprakash Pharmacy College and Research Centre, Kherda, Karanja (Lad), Dist. Washim.	1/09/2023	Present

*Academics:* 03 Years

*Research:* Nil

*Industry:* Nil

### Research Area / Expertise:

*Preclinical Pharmacological Screenings, Cardiovascular activity, Neuropharmacological Activity, Inflammatory activity. Expertise to study in Several preclinical Pharmacological Experimental activities like, Assessment of Cardiotoxicity of drugs, CNS activity( Antidepressant activity, anti-anxiolytic activity, anticonvulsant activity etc.), Psoriatic/Inflammatory activities, Neuropathic studies, Arthritic activities, Diabetic activities, Hepato-protective activity and anti-asthmatic activity, Anti- Ischemic activity. Skilled in drug administration via Oral, Intraperitoneal, Subcutaneous, Intravenous, Intra Muscular, Sub- Plantar, Intra cerebroventricular route of administrations in laboratory animals. Well acquainted with different blood withdrawal techniques via retro-orbital, tail vein, and cardiac puncture.*

*Hand on small animal surgeries like stereotaxic cannulation, olfactory bulbectomy, carotid occlusion, jugular vein occlusion, sciatic nerve ligation, MCAO surgery, isolation of various organs and tissues, Cryosectioning of brain Isolation of rodent brain. Hand on molecular techniques like ELISA Sandwich, Immunohistochemical staining.*

**Research Guidance:**

1. No. of B. Pharm. students Guided/Guiding: 06
2. No. of M. Pharm. students Guided/Guiding: 00
3. No. of PhD students Guided/Guiding: 00

**Academic/Research activities:**

1. No. of papers presented: 00
2. No. of Faculty Development Program attended: 03
3. No. of Seminar, Workshop Attended: 00
4. Conference, Webinar Organized: 01
5. No. of guest lectures delivered: 00

**Instruments Handling:**

*Hands on instruments: Stereotaxic apparatus, UV-Visible spectrophotometer, Power Lab Data Acquisition System, Irwox Data Acquisition System, Any-maze video tracking system, Microplate reader, Cryostat, Motic Microscope2.0, Plethysmometer, Actophotometer, Rotarod apparatus, Hot plate, HPLC, Remi cooling centrifuge, Pole climbing apparatus etc.*

*Software: Expert in handling and use of various software, Image J, Adobe Photoshop, Graph Pad Prism 9.02, End note 20x, Plagiarism checker X, Perkins Elmer's ChemDraw 20.1.1, Inkscape 1.2, Adobe Illustrator, Phototox software, Gen5, kc junior, Microsoft office 2019 etc.*

**Membership of learned societies & professional bodies:**

1. Registered Pharmacist of Maharashtra State Pharmacy Council (Regd. No. 202050)
2. Life time Membership of "Association of Pharmaceuticals Teachers of India"(MA/LM-2553)
3. Life time Membership of "Indian Pharma Education Society"

**Pharmacy Council of India Inspector:**

*Nil*

**Achievements:**

*Nil*

**Fellowship:**

### Research Publications:

1. Total Research Papers: 08
2. Papers in UGC-approved and SCOPUS-indexed journals: 08

### Important Publications:

1. Nimbalkar, V., Joshi, U., Shinde, S. and Pawar G., 2021. In-vivo and in-vitro evaluation of therapeutic potential of  $\beta$ -Carotene in diabetes. *Journal of Diabetes & Metabolic Disorders*, pp.1-10. (<https://doi.org/10.1007/s40200-021-00912-1>)
2. Rajkumar S. Bagali, Sunil S. Jalalpure, Sachin D. Shinde, Ganesh R. Pawar, Gajanan S. Sanap, Shitalkumar S. Patil., 2021 In-vitro Antioxidant and In-vivo Hepatoprotective activity of *Bauhinia variegata* root ethenolic extract against CCl<sub>4</sub> induced liver injury in rats. *Indian drugs*, page number.60-65. (<https://doi.org/10.53879/id.58.11.12859>)
3. Pagar RR, Musale SR, Pawar G, Kulkarni D, Giram PS. Comprehensive Review on the Degradation Chemistry and Toxicity Studies of Functional Materials. *ACS Biomaterials Science & Engineering*. 2022. ( <https://doi.org/10.1021/acsbiomaterials.1c01304> )
4. Ganesh R. Pawar, Yogeeta O. Agrawal, Kartik T. Nakhate, Chandragouda R. Patil, Charu Sharma, Shreesh Ojha, Umesh B. Mahajan, Sameer N. Goyal, Ghrelin Alleviates Depression-Like Behaviour in Rats Subjected to High-Fat Diet and Diurnal Rhythm Disturbance. *American Journal of Translational Science* issue 7, 2022 ( PMCID: PMC9641471)
5. Ibrahim, Mohammad, Ganesh Pawar, Nazia Khan, Bhushan Gudalwar, Shabina Khan, and Mohd Mazhar. "Therapeutic Effect of *Withania somnifera* (Ashwagandha) on Depression: A comprehensive review". *Natural Resources for Human Health* 4 no. 2 (2024): 142-151. doi:10.53365/nrfhh/177661. (<https://doi.org/10.53365/nrfhh/177661> )
6. Mohammad Ibrahim, Ganesh R Pawar, Shabina Khan, Mohd Mazhar, Sanchita Pathak (2024). Therapeutic Lead Identification from *Ginkgo biloba* against Enzyme Causing Alzheimer's Disease Using in-vitro Studies Integrated Network Pharmacology and Molecular Docking. *Advances in Pharmacology and Pharmacy*, 12(3), 248 - 255. DOI: 10.13189/app.2024.120309
7. Nimbalkar, V., Vyawahare, N., Shinde, S. and Pawar, G., 2023. Evaluation of Antiulcer Potentiality of D-Alpha-Tocopheryl Succinate by Inhibition of Oxidative Stress and Proinflammatory Cytokines. In *Computational Intelligence for Clinical Diagnosis* (pp. 401-413). Cham: Springer International Publishing (DOI: 10.1007/978-3-031-23683-9\_30)

### Google Scholar Metrics:

1. Total Citations: 52
2. h-index: 03

3. *i10-index:* 02
4. *Google Scholar Profile link*

<https://scholar.google.com/citations?user=sie7TIsAAAAJ&hl=en>

#### **Scopus Metrics:**

1. *Total Citations:* 39
2. *h-index:* 06
3. *Scopus Author ID:* 57296919900
4. *Scopus Profile link*

<https://www.scopus.com/authid/detail.uri?authorId=57296919900>

#### **Research grant:**

*Nil*

#### **Honors and Awards:**

*Nil*

#### **Books published:**

*Nil*

#### **Patents:**

*Nil*

#### **Article in newspaper:**

*Nil*

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