

Name of Faculty: - Dr. Deepak K. Bharati

(HOD & Associate Professor-Pharmacology)

Qualification	M. Pharm., Ph.D.
Designation	Associate Professor & Head, Department of Pharmacology
Specialization	Pharmacology
Academic Experience	<ul style="list-style-type: none">● Total Teaching Experience: 18 Years● B. Pharm Teaching Experience: 17 Years● M. Pharm Teaching & Research Experience: 04 Years
Research Experience	<ul style="list-style-type: none">● Ph.D. in Pharmaceutical Sciences (Pharmacology)● Extensive research in Pharmacology, Polyherbal Formulations, and Experimental Pharmacology● Guided M. Pharm Projects: 08 Awarded, 04 Ongoing
Industry Experience	Nil
Areas of Interest	<ul style="list-style-type: none">● Experimental Pharmacology● Herbal Drug Research● Polyherbal Formulations● Drug Screening & Evaluation● Pharmacovigilance● Antidiabetic & Antihypertensive Research
Subjects Taught	<ul style="list-style-type: none">● Pharmacology● Clinical Pharmacology● Experimental and Advanced Pharmacology● Pharmacotherapeutics● Toxicology
Presentations	Oral Presentations: <ul style="list-style-type: none">● Formulation development and pharmacological evaluation of polyherbal formulation for anemia – 54th IPS-IPSCON 2024, AIIMS, New Delhi● CNS depressant and anticonvulsant activity of Samanea saman – International Conference, BHU, Varanasi (2025)● Adoption of holistic practices for students progression – NAAC Sponsored Conference, KIT Kolhapur (2017)● Evaluation of antihypertensive activity of Cynodon dactylon – International Conference, University of Pune

	<p>Poster Presentations:</p> <ul style="list-style-type: none"> ● AI enhanced pharmacovigilance in traditional medicine – NIPiCON 2024, Nirma University ● Adoption of holistic practices for students progression – NAAC Conference (2017) ● Effects of Phyllanthus niruri in diabetic rats – IPS Conference, Rajkot (2015) ● Evaluation of Curcuma inodora activity – International Conference, Bangalore (2009) ● Evaluation of antihypertensive activity of Cynodon dactylon – ICMR Conference ● Anti-nociceptive activity of Tridax procumbens – IPC Delhi (2008)
<p>Publications</p>	<p>Total Publications: 24</p> <ul style="list-style-type: none"> ● International Journals: 16 ● National Journals: 08
	<p>Recent Selected Publications:</p> <ul style="list-style-type: none"> ● From nature to nurture: Role of essential oils in menstrual health – <i>Pharmacological Research (2026)</i> ● Antioxidant & antidiabetic potential of Jatropha integerrima – <i>Life Journal (2026)</i> ● Anti-anemia polyherbal formulation development – <i>Biology (2025)</i> ● Chloride channels and mast cell function in IBD – <i>Molecular and Cellular Biochemistry (2025)</i> ● Polymeric lipids in regenerative applications – <i>Polymer Advanced Technology (2025)</i> ● Antioxidant activity of ABANA formulation – <i>Current Functional Foods (2023)</i> ● Review on vaccines against SARS-CoV-2 – <i>JIPBS (2021)</i> <p>Other Contributions:</p> <ul style="list-style-type: none"> ● Multiple research articles in pharmacology, herbal medicine, and drug development (2009–2025) ● Book chapters in Elsevier, Wiley, IGI Global, Cambridge Scholars

Research Grants	<ul style="list-style-type: none"> ● Seed Money Grant (2023–24): ₹59,000 (PI) ● University of Mumbai: ₹25,000; ₹30,000 (PI) ● Ph.D. Grant: ₹1,00,000 ● Applied Grants (SERB, RGSTC)
Professional Memberships	<ul style="list-style-type: none"> ● Maharashtra State Pharmacy Council (MSPC), Mumbai – Reg. No. 92344 ● Indian Pharmaceutical Association (IPA) – Life Member (LM-MAH/PALG/ON/LM/000004) ● Indian Society for Technical Education (ISTE), New Delhi – Life Member (LM-111666) ● Association of Pharmaceutical Teachers of India (APTI) – Life Member (MA/LM-3421)
Professional Associations	<ul style="list-style-type: none"> ● Reviewer for reputed journals (Journal of Pharmaceutical Innovation, Journal of Inflammation Research, International Neuropsychiatric Disease Journal, IJBRR, ACEH, etc.) ● University of Mumbai – Approved Research Guide ● Paper Setter & Examiner (2014–2024) ● External Academic Monitoring Committee Member (MSBTE) ● Governing Body & CDC Member-SJIPR
Achievements	<ul style="list-style-type: none"> ● Best Teacher Award (2012) ● Head – Training & Placement Cell ● IIC Convener ● IAEC Chairman ● Design Patent Granted (2024) ● Invited Speaker at State/University Level ● Coordinator of National Conferences