Dr. Vikrant Dandekar

Designation	Associate Professor in Pharmaceutical Chemistry
Qualification	M. Pharm (Pharmaceutical Chemistry); Ph. D (Pharmaceutical Chemistry)
Ph. D Academic Year	2010
Institute	Prin K.M. Kundnani College of Pharmacy, Mumbai
M. Pharm Academic Year	2003
Institute	Bombay college of Pharmacy, Mumbai
B.Pharm Academic Year	2001
Institute	Prin K.M. Kundnani College of Pharmacy, Mumbai
Experience	Teaching Experience: 4 years Industrial Experience: 13 Years
Professional Affiliations	Indian Pharmaceutical Association Association of Pharmaceutical Teachers of India (APTI)
Projects	1. "Design, synthesis and evaluation of substituted N-(3-arylpropyl)-9,10-dihydroacridine-4-carboxamides as novel Multidrug Resistance reversal agents in cancer." 2. "Synthesis of Elacridar analog with structure 4-[2-(6',7'-dimethoxy tetrahydroisoquinolin-2-yl) ethyl] acridone-4-carboxanilide."
Achievements	1. A.I.C.T.E. Research Promotion Scheme (RPS): Amount 13.80 Lakhs, Year 2007-2009.

	2. Minor Research Grant, Mumbai University: Amount 50,000, Year 2008. 3. The best oral presentation award, 55th Indian Pharmaceutical Congress, Chennai, 2003. 4. "Rameshwardasji Birla Smarak Kosh Scholarship", 2001-2002.
Patents	1. IN2435/MUM/2008: Acridone carboxamide derivatives and their process of preparation, application no. 2435/MUM/2008, date: 18/Nov/2008. 2.IN438/MUM/2009: Novel process for preparation of Acridone derivatives, application no. 438/MUM/2009, date: 26/2/2009.
Seminars / Workshops Presented & Attended	1. Presented "ADME studies on Aryl propyl acridone carboxamide analogues using QikProp (SCHRODINGER Inc.)", Young Research Conference, Institute of Chemical Technology, Mumbai, January 2009. 2. Presented "Designing, Microwave-assisted Synthesis and Evaluation of substituted Aryl propyl acridone carboxamide analogues." 60th Indian Pharmaceutical Congress, New Delhi, December 2008. 3. Presented "Designing, Synthesis and Evaluation of substituted Aryl propyl acridone carboxamide analogues", National seminar on Cancer Biology and Development of NCE, Coimbatore, November 2008. 4. Presented "Synthesis and Evaluation of substituted Aryl propyl acridone carboxamide", 59th Indian Pharmaceutical Congress, Varanasi, 2007. 5. Presented "Synthesis, Evaluation and QSAR studies of substituted 1,2,4-Triazoles as antifungal agents", 58th Indian Pharmaceutical Congress, Mumbai, 2006.

	6. Presented "Studies in synthesis of Elacridar analogue", 8th International symposium on Pharmaceutical Sciences, Ankara, Turkey 13-18 June 2006. 7. Presented "Synthesis of Elacridar analog", 55th Indian Pharmaceutical Congress, Chennai, 2003. 8. Presented "Studies in Synthesis of Elacridar", New Vistas in Drug Discovery seminar, Mumbai, 2003. 9. Attended seminar on "challenges & opportunities of IPR" organized by SciTech & AAPS, 2015 10. Attended 58th Indian Pharmaceutical congress, Mumbai, December 2006. 11. Attended 5th International Symposium on Innovations in Pharmaceutical Sciences & Technology, Mumbai; February 2003. 12. Attended seminar on "Elements of Drug Design & Discovery, Bombay college of Pharmacy, 2003. 13. Attended 54th Indian Pharmaceutical Congress, Pune, December. 2002.
Research Publications	1. Design, synthesis and evaluation of substituted N-(3-arylpropyl)-9,10-dihydroacridine-4-carboxamides as novel Multidrug Resistance reversal agents in cancer., Chinese J. of chem.; 2011, **29,** 504-510 [Wiley-VCH & Chinese Chemical Society; impact factor: 2.376] 2. Microwave-Assisted Synthesis and Evaluation of Substituted Aryl Propyl Acridone-4-Carboxamides as Potential Chemosensitizing Agents

	for Cancer, 2011, Letters in Drug Design & Discovery, 2011, **8 (3),** 268-275. [Bentham science; impact factor: 0.953] 3. Design, synthesis and Evaluation of substituted N-(3-Arylpropyl)-9,10-dihydro-9-oxoacridine-4-carboxamides as Potent MDR Reversal Agents in Cancer, ChemInform, 2011, **42,** 28. [Wiley-VCH Verlag; impact factor: 0.04] 4. Modulation of P-glycoprotein Mediated Multidrug resistance (MDR) in Cancer using Chemosensitizers, International J. of Pharm. Sciences and Research., **Vol.1 (2):** 2010, 104-111. 5. Multidrug Resistance Reversal Activity of Substituted Aryl propyl acridone-4-carboxamides, Adv. Pharmacol.Toxicol., **10(3),** 2009, 21-24. 6. Synthesis and Pharmacological evaluation of some novel potent type II antidiabetic agents, International Journal of Pharmacy and Pharmaceutical Sciences, **1(1)**, July-Sep, 2009, 149-158. 7. Microwave-assisted synthesis and evaluation of anticancer activity of substituted acridone analogues, Research J. Pharm. Tech., **2(2)**, April-June 2009, 366-370. 8. Synthesis and evaluation of antifungal activity of novel 1,2.4-triazoles, Indian Drugs, **45(3)**, March 2008, 175-177.

Area of Research	Synthetic Medicinal Chemistry, Computational study, Pharmacophore Drug Design, Intellectual Property Rights, Patents