


Faculty profile: 2023-24

1	Name Dr. Jineetkumar B. Gawad	Photo 
2	Email id:	jineetkumargawad@vivapharmacy.org
3	Education Qualification:	M. Pharm, Ph.D.
4	Work experience:	Academic: 6 Years
5	Area of specialization:	Pharmaceutical Chemistry
6	Subject taught:	Medicinal Chemistry
7	Membership of professional bodies with Reg. No (IPA/APTI or any)	1. Indian Biophysical Society 2. Indian Society for Technical Education 3. Royal Society of Chemistry
8	Training programmes / workshops/conferences attended <ol style="list-style-type: none"> 1. ‘Preliminary Screening for Acute and Subacute Toxicity Studies of Some Newly Synthesized Decaprenyl phosphoryl-β-D-ribose 2'-epimerase (DprE1) Inhibitors. National Conference in Science (Third Price) at Shirpur in December 2019. 2. “<i>In silico</i> Designing of Imidazo [4,5-b] Pyridine as a Probable Lead for Potent Decaprenyl Phosphoryl-β-D-Ribose 2'-Epimerase (DprE1) Inhibitors as Antitubercular Agents” at 20th International Conference on Medicinal Chemistry & Molecular Pharmacology at Singapore in March 2018 	

<p>9</p>	<p>Research publications</p> <ol style="list-style-type: none"> 1. Al-Otaibi JS, Mary YS, Mary YS, Mondal A, Acharjee N, Gawad J. Insights on adsorption properties of a DNA base, guanine on nano metal cages (Ag₂₄/Au₂₄/Cu₂₄): DFT, SERS, NCI and solvent effects. Journal of Molecular Structure. 2023 Aug 5;1285:135541. Impact Factor: 3.8 2. Mary YS, Mary YS, Krátký M, Vinsova J, Gawad J, Gamberini MC. The concentration dependent SERS studies of a bioactive 4-chlorobenzylidene derivative: Experimental and DFT investigations. Journal of Molecular Liquids. 2023 Jul 1;381:121855. Impact Factor: 6.6 3. Bonde CG, Gawad J, Bhole RP, Bonde SC, Chikhale RV. Effective Drug Candidates against Global Pandemic of Novel Corona Virus (nCoV-2019): A Probability Check through Computational Approach for Public Health Emergency. Russian Journal of Bioorganic Chemistry. 2023 May 11:1-7. Impact Factor: 1.2 4. Al-Otaibi JS, Mary YS, Mary YS, Krátký M, Vinsova J, Gawad J, Gamberini MC. SERS spectra of a bioactive carboximidamide derivative at different concentrations: Experimental and DFT investigations. Journal of Molecular Structure. 2023 Mar 15;1276:134754. Impact Factor: 3.8
<p>10</p>	<p>Grants Received</p> <ol style="list-style-type: none"> 1. Received Travel Grant of 500 Euros from European Molecular Biology Organization (EMBO) to attend workshop on ‘Challenges for Magnetic Resonance in Life Sciences’ from 27th May- 31st May 2018 at Province of Grosseto, Italy. (Workshop was jointly organized by University of Florence, Italy and University of Göttingen, Germany).