

Faculty Profile

Name Dr. Prashant Ganpat Umape
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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D.	Mumbai University	2013
M.Sc. (Organic Chemistry)	Pune University	2004
B.Sc. (Chemistry)	Pune University	2001

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor, SCTR's Pune Institute of Computer Technology	2017- Present
2	Assistant Professor, Bharati Vidyapeeths Engineering College, Kolhapur.	2013 - 2017

Research Publications

Sr. No.	Title	Publication/Conference
1	Synthesis and Characterisation of Novel Yellow Azo Dyes from 2-Morpholin-4-yl-1,3-thiazol-4(5H)-one and Study of Their Azo-Hydrazone Tautomerism.	Publication
2	Fluorescent Styryl Dyes Based on Novel 4-Methoxy-9-Methyi-9H-Carbazole-3-Carbaldehyde—Synthesis, Photophysical Properties and DFT Computations.	Publication
3	Synthesis of styryl colorants containing thiazole unit with improved heat stability.	Publication

4	Synthesis of Novel Styryl Derivatives from 4-chloro-2-(morpholin-4-yl)-1, 3-thiazole-5-carbaldehyde, Study of their photophysical properties and TD-DFT computations.	Publication
5	Synthesis of Novel Carbazole based Styryl: Rational Approach for Photophysical Properties and TD-DFT.	Publication
6	Synthesis of Novel Carbazole Fused Coumarin Derivatives and DFT Approach to Study Their Photophysical Properties	Publication
7	Near Infrared absorbing iron-complexed colorants for photovoltaic applications.	Publication
8	Synthesis of New ESIPT-Fluorescein: Photophysics of pH Sensitivity and Fluorescence.	Publication
9	The synthesis and photo-physical properties of extended styryl fluorescent derivatives of N-ethyl carbazole.	Publication
10	Red emitting solid state fluorescent triphenylamine dyes: Synthesis, photo-physical property and DFT study.	Publication

Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
1	2 nd International Symposium on Advanced Materials and polymers for Aerospace and Defence applications SAMPDA-2008, Pune.	2008
2	International Conference on Frontiers in Chemical Research (ICFCR-2008), Dept. of Chemistry, Mangalore University.	2008
3	National Conference on Recent Trends in Chemistry, Department of Chemistry, Mysore University, Mysore.	2009
4	International Conference on current trends in Chemistry and Biochemistry, ICCTCB-2009, Bengaluru. Karnataka.	2009
5	Workshop on Physicochemical aspect of Textiles, Fibres, Dyes and Polymers, (UGC-CAS – Phase VII). Institute of Chemical Technology, Matunga, Mumbai.	2010
6	National Seminar On Environmental Pollution And Monitoring, organized by Department of Chemistry, Changu Kana Thakur College, New Panvel	2010

7	29 th Annual Conference Organized By Indian Council of Chemist at Panjab University, Chandigarh.	2010
8	National Conference on recent trends in organic synthesis, at Bharathidasan University, Tiruchirappalli.	2011
9	24 th RESEARCH SCHOLARS' MEET (RSM – 2012), at SIES college, Mumbai	2012
10	National symposium on functional application of colorants, Dyestuff Technology Department, Institute of Chemical Technology, Matunga.	2012

Areas of Interest

Sr. No.	Area
1	Organic Synthesis
2	Nanomaterials
3	Computational Chemistry