


Name of Teaching Staff	Dr. Meenakshi Madhavrao Rananaware	
Designation	Assistant Professor	
Department	Applied Science and Humanities	
Date of Joining the Institution	01/07/1996	
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ORCID	: https://orcid.org/0000-0002-5432-3505	
Publons Researcher ID:	JFJ-7337-2023	
Qualifications with Class / Grade	: Ph.D. University of Mumbai M.Sc. University of Pune (First Class with Distinction) B.Ed. University of Mumbai (First Class with Distinction)	
Total Experience in Years	: 29 years	
Papers Published in Journal:	: 1.“Recent development of crown-substituted polyfluorenes for blue light-emitting devices in organic electronics.” Meenakshi. M. Rananaware, Vaijayanti Ghase and Vishwanath R. Patil, (Polymer Bulletin, doi.10.1007/s00289-018-2412-0) 2.“Efficient blue light-emitting polydibenzofluorenes through the integration of an anthracene unit.” Vaijayanti D. Ghase, Meenakshi M. Rananaware, Deepika C. Hasija , Vishwanath R. Patil,* (Polymer-doi.org/10.1016/j.polymer.2020.122947) 3.“Ullmann coupling for low-cost synthesis of anthracene-based polyfluorenes: A photophysical approach.” Deepika C Hasija, Vaijayanti D Ghase, Meenakshi M Rananaware, and Vishwanath R Patil, (High Performance Polymers DOI: 10.1177/0954008320945386) 4.“Alkyl and allyl substituted polydibenzofluorene: blue emitters for future display applications.” Vaijayanti D. Ghase · Deepika C. Hasija · Meenakshi M. Rananaware · Vishwanath R. Patil, (SN Applied Sciences doi.org/10.1007/s42452-020-2940-8) 5.“Benzo crown ether functionalized conjugated polyfluorenes with anthracene fragment for sustainable light-emitting device technology”. Meenakshi M. Rananaware ^{1,2} · Vaijayanti D. Ghase ¹ · Deepika Hasija ¹ · Vishwanath R. Patil ¹ Polymer bulletin (2021) doi.org/10.1007/s00289-021-03617-w	

Papers Presented in Conferences	<p>1. “Exploring synthesis and characterization of crown substituted polyfluorenes with diphenylacene moieties for potential applications in light emitting device technology” RDCS-2018,2018 (Poster presentation) Hosted by University of Mumbai</p> <p>2. “Synthesis and characterization of luminescent crown ethers” National Conference (Paper presentation): IRCS-2017 Hosted by Shivaji University Kolhapur.</p> <p>3. “Synthesis and Properties of Photoluminescent Conjugated Polyacenes Containing Aromatic Amine Substituted Fluorene Moiety”. NCASMC-2014, (Poster presentation) Hosted by University of Mumbai.</p>	
Area of Specialization	<u>Inorganic Chemistry</u>	
Professional Memberships	:	ISTE
Subjects Taught	<p><u>UG Level:</u> Engineering Chemistry Applied Chemistry Advanced Chemistry</p> <p><u>PG Level:</u></p>	
Projects Guided	:	<p><u>UG Level:</u></p> <p><u>PG Level:</u></p>

Recommended Students for Higher Education	<u>Name of the Student</u>	<u>University/Industry</u>
	1.Henita Chheda 2.Utsavi Jaykesh Sevak 3.Charmi Gala 4.Henita Chheda 5.Sameer Desai 6.Trushita Sandeep Bharucha 7.Vibhav Hiten Valia 8.Tanuj Singh Dinesh Singh Mehta 9.Ajinkya Anand Mandlik 10.Vibhav Hiten Valia 11.Jasraj Kawaljit Singh Sethi 12.Tanuj Singh Dinesh Singh Mehta 13.Manan Ajay Shah 14.Trushita Sandeep Bharucha 15.Manan Ajay Shah 16.Ruchi Patel 17.Ajinkya Anand Mandlik	University of Southern California Texas Tech University University of Toronto, University of Waterloo University of Ottawa Northeastern-University-Graduate School Brown University University of Florida Louisiana State University Graduate Iowa State University Duke University Graduate Duke University Graduate University of Western Ontario University of Maryland University at Buffalo, School of Engineering and Applied Sciences Colorado School of Mines! Cornell University Purdue University Graduate School Purdue University Graduate School Purdue University Graduate School New Jersey Institute of Technology Stevens Institute of Technology Syracuse University University of Michigan Rackham Graduate School University of Houston Texas A&M University
Institute/Department Responsibility handled:	Working as Convener-Student activities Worked as Convener-Examination and revaluation Worked as Vice-Chairperson for S.E. admissions Worked as a CAP coordinator (Semester I & II) of the Examination of university of Mumbai Chief Conductor of the Examination of university of Mumbai Worked as a Senior Supervisor for the examination of university of Mumbai Nominated as expert member on the selection committee NMIMS University Worked as member of vigilance committee Working as member of anti-ragging committee Guidance and Recommendations to students for further studies at Universities and Institutions in India and Abroad	