

Name of Teaching Staff	Dr. Meenakshi Madhavrao Rananaware	
Designation	Assistant Professor	
Department	Applied Science and Humanities(Chemistry section)	
Date of Joining the Institution	01/07/1996	
Email ID	meenakshi.rananaware@djsce.ac.in	
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Vidwan Link	: https://djsce.irins.org/profile/339879	
Google Scholar Link:	: https://scholar.google.com/citations?view_op=new_articles&hl=en&imq=Meenakshi+Rananaware#	
Researchgate Link:		
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	: 31 years 8 months	
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	

Photo

Papers Presented in Conferences

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
2. "Synthesis and characterization of luminescent crown ethers" National Conference (Paper presentation): **IRCS-2017** Hosted by Shivaji University Kolhapur.
3. "Synthesis and Properties of Photoluminescent Conjugated Polyacenes Containing Aromatic Amine Substituted Fluorene Moiety". **NCASMC-2014, (Poster presentation)** Hosted by University of Mumbai.

Book Published:

Environmental Chemistry and Non-Conventional Energy Sources (Academic year 2025-26), Himalaya Publishing House, Mumbai, [As per NEP 2020 Revised syllabus, University of Mumbai (2024-25) for First Year Engineering Students (All Branches), Semester II

Area of Specialization
Professional Memberships

Inorganic Chemistry
: **ISTE**

Subjects Taught

UG Level:
Engineering Chemistry
Applied Chemistry
Advanced Chemistry
Chemistry

PG Level:

Projects Guided

: **UG Level:**

PG Level:

Recommended Students for
Higher Education

Name of the Student

University/Industry

1.Henita Chheda	University of Southern California
2.Utsavi Jaykesh Sevak	Texas Tech University
3.Charmi Gala	University of Toronto, University of Waterloo
4.Henita Chheda	University of Ottawa
5.Sameer Desai	Northeastern-University-Graduate School
	Brown University
	University of Florida
	Louisiana State University Graduate
	Iowa State University
6.Trushita Sandeep Bharucha	Duke University Graduate
7.Vibhav Hiten Valia	Duke University Graduate
	University of Western Ontario
8.Tanuj Singh Dinesh Singh Mehta	University of Maryland
	University at Buffalo, School of Engineering and Applied Sciences
	Colorado School of Mines!
9.Ajinkya Anand Mandlik	Cornell University
10.Vibhav Hiten Valia	Purdue University Graduate School
11.Jasraj Kawaljit Singh Sethi	Purdue University Graduate School
12.Tanuj Singh Dinesh Singh Mehta	Purdue University Graduate School
13.Manan Ajay Shah	New Jersey Institute of Technology
14.Trushita Sandeep Bharucha	Stevens Institute of Technology
15.Manan Ajay Shah	Syracuse University
16.Ruchi Patel	University of Michigan Rackham
17.Ajinkya Anand Mandlik	Graduate School
	University of Houston
	Texas A&M University

Institute/Department
Responsibility handled:

Working as member of Academic Audit committee
 Worked 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