

CURRICULUM VITAE



Dr. Vidya V. Mokashi. M.Sc. Ph.D. Physical Chemistry

E-mail: *vidya1292mokashi@gmail.com*

Doctor of Philosophy (Ph.D.) – in Physical Chemistry entitled with ‘Photophysical studies on silver nanoparticles by fluorescence spectroscopy’ from Shivaji University, Kolhapur. March 2014.

Master in Science (M.Sc.) - In Physical Chemistry with first class from Shivaji University, Kolhapur. May 2009.

Teaching Experience:

- 1) Presently working as **Assistant professor** of Chemistry in Abasaheb Garware College, Pune
- 2) Worked as an **Assistant professor** of Chemistry at Asian college of science and commerce, Dhayari, from 03rd February 2015 to 30th March 2018.
- 3) Worked as a **Contributory Teacher** at Jaysingpur College Jaysingpur, from November 2009 to March 2010.

Research Experience:

A Ph.D. thesis entitled, “**PHOTOPHYSICAL STUDIES ON SILVER NANOPARTICLES BY FLUORESCENCE SPECTROSCOPY**” submitted by me in Chemistry under the faculty of Science is accepted by the Universities authorities for the award of the Degree of Doctor of Philosophy under the guidance of Dr. G. B. Kolekar (Shivaji University, Kolhapur).

Good practice in handling of following analytical instruments:

- **SPECTROFLUOROMETER (JASCO, FP-750, FP-8300)**
- **UV-VISIBLE SPECTROPHOTOMETR (Shimadzu)**

List of Publications:

1. Evaluation of interparticle interaction between colloidal Ag nanoparticles coated with trisodium citrate and safranin by using FRET: Spectroscopic and mechanistic approach.

Vidya V. Mokashi, Anil H. Gore, V. Sudarshan, Madhab C. Rath, Sung H. Han, Shivajirao R. Patil and Govind B. Kolekar

Journal of Photochemistry and Photobiology B: Biology 113, (2012), 63-69

2. Study of energy transfer between riboflavin (vitamin B2) and AgNPs

Vidya V. Mokashi, Laxman S. Walekar, Prashant V. Anbhule, Sang Hak Lee, Shivajirao R. Patil Govind B. Kolekar

Journal of Nanoparticle Research 16 (2014) 2291

Papers Presented in Conferences/Workshops/Seminars:

1. Presented paper (Poster) at National Seminar on “Advanced Synthetic Methodologies and Functional Materials” held on 23rd and 24th December 2009 organized by Department of Chemistry Shivaji University, Kolhapur.
2. Presented paper (Poster) at National Seminar on “Advances in Synthetic Methodologies and New Materials” held on 21st and 22nd January 2011 organized by Department of Chemistry Shivaji University, Kolhapur.
3. Attended National Seminar on “Recent Advances in Synthetic Chemistry and Nanomaterials” held on 21st and 22nd January 2012 organized by Department of Chemistry Shivaji University, Kolhapur.
4. Attended National Conference on “Current Research in Chemical Sciences” held on 22nd and 23rd January 2013 organized by the Department of Chemistry, Shivaji University, Kolhapur.