

Curriculum Vitae



1. **Name** : **Dr. Shivajirao Raghunath Patil**
: Honorary Professor,
Department of Chemistry, School of Science, Sanjay Ghodawat University, Atigre, Kolhapur
2. **Date of Birth** : 12-10-1955 (Age 69 years)
3. **E-mail Address** : shivajirao.patil@sanjayghodawatuniversity.ac.in
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4. **Permanent Address** : ‘Swapnapurti’ Vidyanagar, Survey no.12,
Plot No.4, Morewadi, Kolhapur-416013.
5. **Educational Qualification** : M. Sc.; M. Phil.; Ph. D.
6. **Academic expérience** : Eeditor board, Krishna Mahavidyalaya, Rethare, Satara
1979-1994
Former Professor and Head,
Department of Chemistry,
Shivaji University,
Kolhapur-416004
Visiting Professor,
Department of Chemistry, Hanyang University, South
Korea
Retired due to superannuation from Department of
Chemistry, Shivaji University, on 31st October 2024.
Honorary Professor,
Department of Chemistry, School of Chemical Science,
Sanjay Ghodawat University, Atigre, Kolhapur
7. **Area of Expertise** : Chemical and biochemical Sensing, fluorescence
and X-ray diffraction spectroscopy, Fluorescent Organic
nanoparticle, Materials Chemistry,
8. **Research Interest** : Synthesis and characterization of functionalized
Fluorescent organic molecules for preparation of
aqueous suspension of nanoparticle. Prepared molecules
of the classquinazoline, indoles, dyes, isatins and

polyacenes. The aggregation Induced Enhanced Emission (AIEE) of nanoparticles explored to develop sensing and quantification of analyte of biochemical, industrial and environment concern. DLS with zeta sizer, SEM, XRD, UV-visible, NMR and fluorescence are the technique used for proposing the molecular interaction mechanism between fluorescent probe and analyte molecule.

- 9. Administrative Positions :**
1. Member, Board of Management, Sanjay Ghodawat University, Kolhapur (2022-2024)
 2. Member, University Research Committee SGU (2022-2024)
 3. Research Expert, College Development Committee, Rajaram Bapu Institute of Technology, Islampur, Sangli (2016 to date)
 4. Member Adhoc Board (Engineering) D.Y.Patil University, Kolhapur.

- 10. Major Research Projects :**
- i) Department of Atomic Energy Government of India
 - ii) University Grants Commission, Delhi

Sr. No.	Title of the project	Funding Agency	Period	Grant Sanctioned / Amount mobilized In Rs.	Status
1	Synthesis and characterization of organo-luminophors for Light Emitting Devices	Department of Atomic Energy, Government of India, New Delhi	1999 To 2003	10,27,000=00	Completed
2	Preparation and characterization of Organic nanoparticles for fluorescence resonance energy transfer studies and analytical applications.	University Grants Commission, New Delhi	2012 To 2015	10,45,000=00	Completed

11. Research Publications (Scopus Indexed)

National (CSIR)	:	12
International	:	83
Total	:	95

13. Book:

Title: An Overview of Fluorescent Organic Nanoparticles (FONPs).

Authors:

1. Dr. Sonali B. Surywanshi
2. Prof. Shivajirao R. Patil

Publisher: LAMBERT ACADEMIC PUBLISHING, UK and Moldova, Europe

Published in English, Spanish and German Languages

ISBN 13: 978-620-6-1465-4

14. Patent

Korean Patent:

Title of Invention: Method of Preparing Fluorescent Organic nanoparticles for Detection of cobalt (Co²⁺) ion and fluorescent organic nanoparticles prepared there by.

Registration Number : 10-2099240.

Collaboration between Kongju National University, South Korea and Department of Chemistry, Shivaji University, Kolhapur.

12. Research guidance :

Ph.D. Awarded : 12

M.Phil. awarded : 4

13. Conferences attended : 25

Participated /presented

Research papers



Place: Kolhapur.

(Dr. Shivajirao Raghunath Patil)