

# Curriculum Vitae

## **Mr.Rohant Siddharam Dhabbe (M.Sc. NET, Ph.D.)**

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### Career Objectives:

With help of enthusiastic, hardworking and professional experience seeking to obtain a challenging position providing professional career growth in the pharmaceutical industry

### Educational Qualification:

Degree/ Course	University/Board Institute	Subject/ Specialization	Year of Passing	Marks/ Class
PGDRA	IPM	RA (API+ Formulation)	-	-
Ph.D.	Shivaji University, Kolhapur	Chemistry	2016	-
NET	CSIR	Chemical sciences	-	-
M.Sc.	Shivaji University, Kolhapur	Physical Chemistry	May-2008	69.96% -1 <sup>st</sup> Class
B.Sc.	Shivaji University, Kolhapur	Chemistry	May- 2006	64.40% -1 <sup>st</sup> Class
H.S.C.	Pune Board	Phy. Chem. Maths & Languages,	June-2003	58.33% -2 <sup>nd</sup> Class
S.S.C.	Pune Board	Sciences, Maths. Languages & Soci. Sci.	June-2001	66.26% -1 <sup>st</sup> Class

Personal Information/Details:

Communication/Contact

### Details:

Nationality : Indian

Gender : Male  
Marital Status : Married  
Languages Known : English, Marathi, Hindi,  
Kannada  
Birth Date : 27<sup>st</sup> Oct 1986

### Doctoral Research:

- 2010 – 2013 **Thesis Title:** *Synthesis, Characterization and Photocatalytic applications of Titania Based Nanocomposites materials Doped with Noble Metals.* Ph.D. in Chemistry under the guidance of Dr. K.M.Garadkar, (Prof. Physical Chemistry) at Department of Chemistry, Shivaji University, Kolhapur.  
Work done/Duties performed: *Doctorate Research focused on the development of nanomaterials /nanocomposites (Noble metal) based which are active in visible region (Sunlight) and its application as photocatalyst for the degradation of Dyes and Drug molecules.*

### Professional Experience:

- 2018 -.... Worked as a **Deputy Manager** at API-ADL Dept of Cipla Ltd, Patalganga, Mumbai, MS, India from Feb 2018- till present.  
Work done/Duties performed: *Analytical method development of API on UV and CAD, literature search of challenging molecules, Working under GMP and GLP Influence lab, LCMS analysis of API for structure identification.*
- 2015 - 2017 Worked as a **Sr. Research associate-1** at R & D center (ADL Dept.) of Macleods Pharmaceuticals Ltd, Andheri (E), Mumbai, MS, India from July 2015- Dec. 2018.  
Work done/Duties performed: *Analytical method development of api, TLC method dev, data collection and tabulation in proper manner for submission to Q.A., literature search of challenging molecules.*
- 2011 - 2014 Worked as a **Research Fellow**  
Work done/Duties performed: *Nanomaterials/Material Development of Silver Loaded Titania based nanocomposite materials and its application for the Degradation of Dye (Methyl Orange)*
- 2010- 2011 Worked as a **Chemist in Q.C.** Department of Aditi Pharmaceuticals, MIDC, Sholapur, MS, India from Jan 2010- Jan 2011

Work done/Duties performed: Experience in analysis of chemicals, Excipient and pharmaceutical intermediates by classical as well as instrumental methods of analysis.

- 2008 - 2009 Worked as a Jr. **Research Associate** at R & D center (ADL Dept.) of Macleods Pharmaceuticals Ltd, Andheri (E), Mumbai, MS, India from Jun 2008- Feb. 2009.

Work done/Duties performed: Research experience in analytical methods development & validation study for the analysis of API drug molecule, impurity, its profiling and characterization by using instrumental methods (HPLC), Analysis of Raw materials at R & D center.

- Good practice in handling of following analytical instruments:
  - HPLC (Agilent, Shimadzu and waters)-GMP and GLP compliance Chromeleon.
  - LCMS (AB sciex -Q-trap-5500, MDS sciex API 4000) Analyst
  - CAD (Thermo Scientific, Dionex Corona Veo RS ) Chromeleon.
  - ELSD (Agilant technologies) Chromeleon
  - Specific optical rotation.
  - FT-IR (Shimadzu)

#### Awards/Achievements:

- Have won Merit Scholarship from Shivaji University, Kolhapur in M.sc I-2007.
- Have won “Late Dr V.S. Galadekar-Kulkarni” prize for highest marks in Physical Chemistry-April 2008.

#### List of Publications:

- 1) Enhancement in the photocatalytic activity of Ag loaded N-doped TiO<sub>2</sub> nanocomposite under sunlight. ( J Mater Sci: Mater Electron (2014) 25:3179–3189)  
**R. S. Dhabbe**, A. N. Kadam, M. B. Suwarnkar, M. R. Kokate, K. M. Garadkar
- 2) Synthesis and enhanced photocatalytic activity of Zr-doped N-TiO<sub>2</sub> nanostructures.  
**Rohant Dhabbe**, Abhijit Kadam, Prakash Korake, Mangesh Kokate, Pankaj Waghmare, Kalyanrao Garadkar. (J Mater Sci: Mater Electron (2014))
- 3) Enhanced photocatalytic activity of Ag doped TiO<sub>2</sub> nanoparticles synthesized by a microwave assisted method. (Ceramics International,40(2014)5489–5496)  
M.B. Suwarnkar, **R. S. Dhabbe**, A. N. Kadam, K. M. Garadkar
- 4) Preparation of N doped TiO<sub>2</sub> via microwave-assisted method and its photocatalytic activity for degradation of Malathion. (Spectr. Acta Part A: 133 (2014) 669–676)  
A.N. Kadam, **R.S. Dhabbe**, M.R. Kokate, Y.B. Gaikwad, K.M. Garadkar.
- 5) Highly active lanthanum doped ZnO nanorods for photodegradation of metasytox (Journal of Photochemistry and Photobiology B: Biology 130 (2014) 11–19)  
P.V. Korake, **R.S. Dhabbe**, A.N. Kadam, Y.B. Gaikwad, K.M. Garadkar

6) Room temperature synthesis of CdS nanoflakes for photocatalytic properties

(J Mater Sci: Mater Electron (2014) 25:1887–1892)

A. N. Kadam • **R. S. Dhabbe** • M. R. Kokate, K. M. Garadkar

I do hereby declare that the statement made in this application are true, complete & correct to the best of my knowledge and belief. I understand and agree that in the event of my any information being found false or incorrect/incomplete or intelligibility being detected at any time before or after selection/interview, my candidature is liable to be rejected. I shall be bound by the decision of the Department.

**Date:** / /

Yours Faithfully,

**Place:**