

## Permanent Address:

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Department of Chemistry  
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**PERSONAL PROFILE****Citizen** : INDIAN**Date of Birth** : June15, 1994.**Marital Status** : Married**Languages** : Can Read, Write, speak English, Hindi.**RESEARCH INTEREST** : Synthesis of novel Heterocyclic Compounds.**SUBJECT TAUGHT** : Organic Chemistry, Introduction to Solid State of Matter, Terpenoids and Alkaloids, Organometallic and Organic Reaction Mechanism, Photochemistry.**EDUCATION:**

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**Exam Qualified****M.Sc. in Chemistry**.....**June, 2018***Specialization:* Organic Chemistry                      *Percentage:* 67.05%**B.Sc. in Chemistry**.....**January, 2016.***Specialization:* Chemistry                                      *Percentage:* 70.05%**NET in Chemical Sciences**.....**May, 2018.**

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**EXPERIENCE DETAILS:** (Starting With Recent)**Total Research and Teaching: 4 Years**

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Sr. No.	Designation	Organisation	Duration	
			From	To
1.	Assistant Professor	Dada Patil Mahavidyalaya Karjat	06.01.2020	Till date

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**OTHER EXPERTISE:****Computer Knowledge: - CCC****SUMMARY OF PUBLICATIONS: 06**

Sr.No	Publication Details
1	<p align="center"><b>Green approach to Chemo-Selective N-Boc Protection of Amines using Catalytic amount of Lithium Hydroxide Monohydrate under Solvent Free Condition</b></p> <p>Sandip P. Gondake<sup>*</sup>, Santosh R. Kshirsagar, Ashok S. Pise, Valmik S. Kapase, Sager I. Shinde Department of Chemistry, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India.</p>
2	<p align="center"><b>One pot Green method for synthesis of oxazine derivative under Aqueous medium.</b></p> <p>Santosh R. Kshirsagar, Ashok S. Pise, Ashok S. Pise, Sandip P. Gondake, Valmik S. Kapase. Department of Chemistry, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India</p>
3	<p align="center"><b>Antioxidant, antibacterial and shelf-life extension of chitosan extracted from the shells of shrimp (Fenneropenaeus indicus and Litopenaeus vannamei)</b></p> <p align="center"><b>Sandip P. Gondake<sup>*</sup>, Santosh R. Kshirsagar, Sagar I. Shinde, Valmik S. Kapase</b> Department of Chemistry, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India.</p>
4	<p align="center"><b>Plant mediated synthesis of zinc oxide nanoparticles using Acalypha Fruticosa Forssk combined with special reference to antibacterial</b></p> <p>Sagar i. shinde<sup>1,*</sup>, Santosh r. kshirsagar<sup>1</sup>, Sandip p. gondake<sup>1</sup>, Balbhim s. maharnvar<sup>2</sup> Department of Chemistry, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India Department of Physics, Dada Patil Mahavidyalaya, Karjat</p>
5	<p align="center"><b>Predicting ADME and Molecular Docking Analysis of Murraya paniculata Chemical Constituents against Antidiabetic Molecular Targets</b></p> <p>Sagar I. Shinde<sup>a</sup>, Santosh R. Kshirsagar<sup>b</sup>, Sandip P. Gondake<sup>c</sup>, Valmik S. Kapase<sup>d</sup> a,b,c,d Department of Chemistry, Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat, Dist:- Ahmednagar(414402), Maharashtra, India</p>
6	<p align="center"><b>Anti-bacterial, Anti-inflammatory and Anti-cancer activity of green Synthesized Copper Metal Nanoparticles</b></p> <p align="center"><b>Santosh R. Kshirsagar<sup>1,*</sup>, Sandip P. Gondake<sup>1</sup>, Sagar I. Shinde<sup>1</sup>, Dr. Swapna S. Patil<sup>2</sup></b> 1Department of Chemistry, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India 2Department of Zoology, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India</p>

7	<b>Synthesis, Characterization And Antioxidant/Anti-Cancer Activity Of Palladium Nanoparticles Using Cassia Absus Seed Extract</b> <b>Sandip P. Gondake*, Santosh R. Kshirsagar, Sagar I. Shinde</b> Department of Chemistry, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, Maharashtra, India
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**Book Chapter:-**

Sr.No.	Name of the Book	Name of the chapter	ISBN Number
1	Recent Research Trends in Chemistry Volume – I (2021)	Green Approach to Chemo-Selective N-Boc Protection of Amines using Catalytic amount of Lithium Hydroxide Monohydrate under Solvent Free Condition 23-33	978-93-90471-74-4
2	Modern Trends in Chemical Sciences Volume – II (2022)	Antioxidant, Antibacterial and Shelf-Life Extension of Chitosan Extracted from the Shells of Shrimp ( <i>Fenneropenaeus Indicus</i> and <i>Litopenaeus Vannamei</i> ) 99-112	978-93-5570-183-1
3	Recent Trends in Nano chemistry and Nanotechnology Volume – I (2022)	Synthesis of Palladium nanoparticles using <i>Cassia absus</i> seed extract and Evaluation of its Biological Activity 01-12	978-93-5570-298-2
4	Innovative Research in Chemical Sciences Volume – I (2022)	Plant Mediated Synthesis of Zinc Oxide Nanoparticles using <i>Acalypha Fruticosa</i> Forssk Combined with Curcumin with Special Reference to Antibacterial and Anticancer 01-13	978-1-913482-01-5
5	Recent Research Trends in Chemistry Volume – I (2021)	One-Pot Green Method for the Synthesis of Oxazine Derivatives under Aqueous Medium 35-47	978-93-90471-74-4
6	Modern Trends in Chemical Sciences Volume – II (2022)	Kinetics and Mechanism of Oxidation of 3-Hydroxy Benzoic acid Hydrazide by Bromate Catalyzed by Vanadium (IV) in Aqueous Acidic Medium (59-70)	978-93-5570-306-4

**Book Contribution: -**

Sr. No.	Title of the Book	Class	ISBN No.	Type of Book	Year of Publication
1	Introductory Basics of Chemistry		978-93-5509-928-0	Reference Book	2022

I hereby declare that the information provided in the CV is true.

Place: Karjat, Ahmednagar  
Date: 04.02.2023

**Mr. Sagar Indrajeet Shinde**