

MR. SANDIP PANDURANG GONDAKE

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Department of Chemistry
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Dada Patil Mahavidyalaya, Karjat ,
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PERSONAL PROFILE

Citizen : INDIAN
Date of Birth : October 23, 1992.
Marital Status : Married
Languages : Can read, Write speak English, Hindi.



RESEARCH INTEREST : Synthesis of Nano-Particles by using Plant Extract

SUBJECT TAUGHT : Molecular symmetry and chemistry of Main group Elements,
Introduction to Solid State of Matter, Coordination and Bioinorganic chemistry, Organometallic and
inorganic Reaction Mechanism.

EDUCATION:

Exam Qualified

M.Sc. in Chemistry.....**June, 2015.**

Specialization: Inorganic Chemistry *Percentage:* 58.80%

B.Sc. in Chemistry.....**July, 2013.**

Specialization: Chemistry *Percentage:* 69.75%

NET in Chemical Sciences.....**March, 2017.**

EXPERIENCE DETAILS: (Starting With Recent)

Total Research and Teaching: 6 Years

Sr. No.	Designation	Organisation	Duration	
			From	To
1.	Assistant Professor	Dada Patil Mahavidyalaya Karjat	06.01.2023	Till date
2.	Assistant Professor	Chhatrapati College, junnar	03.07.2017	04.01.2020

OTHER EXPERTISE:**Computer Knowledge: - MS-CIT****SUMMARY OF PUBLICATIONS: 07**

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

Book Chapter:

Sr.No.	Name of the Book	Name of the chapter	ISBN Number	Year
1	Recent Research Trends in Chemistry Volume – I	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	2021

2	Modern Trends in Chemical Sciences Volume – II	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	2022
3	Recent Trends in Nano chemistry and Nanotechnology Volume – I	Synthesis of Palladium nanoparticles using <i>Cassia absus</i> seed extract and Evaluation of its Biological Activity 01-12	978-93-5570-298-2	2022
4	Innovative Research in Chemical Sciences Volume – I	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	2022
5	Recent Research Trends in Chemistry Volume – I	One-Pot Green Method for the Synthesis of Oxazine Derivatives under Aqueous Medium 35-47	978-93-90471-74-4	2021
6	Modern Trends in Chemical Sciences Volume – II	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	2022

Reference Book:-

Sr.No.	Type of the Book	ISBN Number	Year
1	Reference Book	978-93-5509-928-0	2022

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

Place: Karjat, Ahmednagar

Date: 03.02.2023

Mr. Sandip Pandurang Gondake