

BIO-DATA



1.	Name	Atharva Yeshwant Kulkarni			
2.	Designation	Assistant Professor			
3.	Residential Address	002/A wing, Mauli Nagar, Old D.P Road Katrap, Badlapur (E), Thane- 421503			
4.	Date of birth	24-06-1997			
5.	Total Experience				
i.	Teaching	Nil			
ii.	Industrial	Nil			
6.	Qualifications				
	Exam Passed	Year	Institution/ University	Branch/ Specialization	Percentage/ CGPI
	Ph.D.	2021-2025	University: University of Mumbai Institute: K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai	Chemistry	Thesis submitted on 28 th February 2025
	M.Sc.	2018-2020	K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai	Inorganic Chemistry	74.75
	B.Sc.	2015-2018	Birla College of Science and Commerce, Kalyan.	Chemistry	76.75
	H.S.C	2013-2015	Maharashtra Secondary and Higher Secondary Education Board	Science	70.46
	S.S.C	2013	Maharashtra Secondary and Higher Secondary Education Board	English, Hindi, Marathi, Science, Social science, Mathematics	79.82
	Additional Qualification: Nil				
7.	Employment Record				
	Institution	Year (From	To)	Designation	
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught				
	Subjects Taught at UG level				
	Sr.No.	Name of Subject	Semester		
	1				
	2				
	3				
	4				

9.	Research Experience: Bhabha Atomic Research Centre (BARC) Oct 2023 – Jan 2025
10.	Professional Societies Fellowship / Membership life member: Nil
11.	Short Term Training Programmes attended: Nil
12.	List of Journal Papers Published 1. Molecular Precursor Approach for the Synthesis of Hollow Nanotubes and Nanorods of Antimonoselite (Sb_2Se_3): An efficient electrocatalyst for hydrogen evolution reactions. A. Y. Kulkarni, D. Majumder, V. S. Tripathi, G. Kedarnath, A. P. Wadawale, V. Singh, R. S. Chauhan, G. Karmakar, A. Tyagi, <i>Dalton Trans.</i>, 2025, 54, 6550-6562. 2. Tris(2-selenonicotinamide) bismuth (III) complex as a promising single source precursor for photoresponsive 2D-Bi_2Se_3 nanostructures. A. Y. Kulkarni, G. Karmakar, A. Y. Shah, H. Donthula, A. Tyagi, R. S. Chauhan, <i>ACS Cryst. Growth Des.</i> 2024, 24, 18, 7570–7579. 3. Controlled synthesis of photoresponsive bismuthinite (Bi_2S_3) nanostructures mediated through a new 1D bismuth-pyrimidylthiolate coordination polymer as a molecular precursor. A. Y. Kulkarni, G. Karmakar, A. Y. Shah, S. Nigam, G. Kumbhare, A. Tyagi, R. J. Butcher, R. S. Chauhan, N. N. Kumar, <i>Dalton Trans.</i>, 2023, 52, 16224-16234. 4. Molecular precursor-mediated facile synthesis of photo-responsive stibnite Sb_2S_3 nanorods and tetrahedrite $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$ nanocrystals. A. Thomas, G. Karmakar, A. Y. Shah, S. V. Lokhande, A. Y. Kulkarni, A. Tyagi, R. S. Chauhan, N. N. Kumar, A. P. Singh, <i>Dalton Trans.</i>, 2022, 51, 12181. 5. Scrambling of metal precursors: A strategy to synthesize trinuclear $[\text{M}_3(\mu\text{-Se})_2(\text{dppe})_3]^{2+}$ ($\text{M} = \text{Ni}, \text{Pd}$) and pentanuclear $[\text{Pd}_5(\mu_3\text{-Se})_4(\text{dppe})_4]^{2+}$ coordination clusters. A. Y. Kulkarni, S. V. Lokhande, A. A. Siddiki, R. S. Chauhan, R. J. Butcher, <i>J. Clust. Sci.</i>, 2023, 35, 13-22. 6. Reactivity of 5-Methylpyridyl-2-Selenolate with Platinoid Metal Precursors: Isolation of Tri and Hexanuclear Complexes via Se-Se and Se-C Bond Cleavage S. V. Lokhande, A. Y. Kulkarni, A. A. Siddiki, R. J. Butcher, R. S. Chauhan, <i>J. Clust. Sci.</i>, 2024, 35, 1549-1560. 7. Palladium Chalcogenolate complexes: A promising molecular material for cross coupling reactions, A. Y. Kulkarni and R. S. Chauhan <i>SMC Bulletin</i>, 2022, 13, 60-37.
13.	List of Papers Published in National and International Conferences: Nil
14.	Invited Lectures in FDP/ STTP: Nil