

Name : Dr. Asmita Shashikant Tapase.

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Personal Skills:

having good communication skills, Hardworking and sincere, enthusiastic, friendly nature.

EDUCATION QUALIFICATION:

M.Sc., B.Ed, Ph. D.
(Chemistry)

Personal Details

Name	Dr. Asmita Shashikant Tapase
Email	asmitatapase@gmail.com
Permanent Address	Sharada Niwas, Plot no. 3, Unit No.3, In front of MSCB office, Yogeswary Colony, Pachgaon Road, Tal: Karveer, Dist: Kolhapur Pin: 416007
Date of Birth	14 th Oct. 1983
Gender	Female
Religion	Hindu-Dhor
Blood Group	B RH ⁺ ve
Nationality	Indian
Marital Status	Married
Languages	Marathi, Hindi, English
Contacts	Mobile - + 91 9595906820

Sr. No.	School/Institute/University	Qualifying Exam.	Year	Marks obtained %
1	Sou. Sushila Devi Salunkhe High School Satara.	S.S.C.	1999	75.76
2	L.B.S. College. Satara	H.S.C	2001	66.50
3	L.B.S. College. Satara	BSc.(Chemistry)	2004	79.20
4	BEd. College Peth vadgaon	BEd.	2006	66.60
5	Shivaji University Kolhapur	MSc. (Physical Chemistry)	2011	75.50%
6	PhD Shivaji University, Kolhapur		2015	

Other Information

Sr. No.	School/Institute/	Qualifying Exam.	Year	Marks obtained /Grade
1	M.S.B.T.E.	ADCSSAA	2005	76.13
2	M.S.B.T.E.	Web Page Designing	2004	77.25
3	OMKAR CLASSES(Govt. Recog.) SATARA	DCP	2003-04	Dist.

Teaching Experience	<ol style="list-style-type: none"> 1. Worked As lecturer in New Model School, Kolhapur 2. Worked as Assistant Professor in Department of applied Chemistry, Shivaji University, Kolhapur . 3. Worked as Assistant Professor in Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji from 28-03-2016 to 20-12-2021. 4. Currently working as Assistant Professor in Vivekanand College, Kolhapur from 21-12-2021 to till yet.
Administrative Experience	<ol style="list-style-type: none"> 1. Worked as Convener : NAAC Criteria-III “Research, Innovation and Extension” 2. Worked as Convener : Research Promotion and monitoring Committee. 3. Worked as Convener : Short Term Courses Committee. 4. Worked as Nodal Officer of UGC-NSQF courses. 5. Worked as Coordinator : AVISHKAR , Research Project talent Competition 2019-20. 6. Worked as President of DKASC Chemistry Association 7. Worked as Co-ordinator of Preparation of Household Chemicals. 8. Worked as member <ol style="list-style-type: none"> 1) Internal Quality Assurance cell 2) Internal Complaint Committee. 3) Women Empowerment committee, 4) Coaching for entry in services for SC/ST/OBC and

minorities.

- 5) Library committee
- 6) Student Welfare Committee
- 7) Admission Committee for BSC. I, II, III, and M.Sc. I
- 8) NSS Committee
- 9) Placement Cell
- 10) Debating and various competition organization committee
- 11) Woman Studies Center
- 12) Bhedbhav Pratibandh samiti

9. Worked as External Senior supervisor in Shivaji university Exam
10. Worked as an internal and External Examiner for B. Sc. I, B. Sc. II, B. Sc. III practical's.
11. Worked as Paper Setter for B. Sc. I, B.Sc. II, BSc.III.
12. Delivered Guest lecture on **“Pesticides and its hazardous impact”** at Shri. Vijaysinha Yadav Arts and science Collge, Peth Vadgaon.
13. Completed 28 days **Orientation Programme** conducted by HRDC, RDVV, JabalpurC, during period 08-01-2018 to 03-02-2018.
14. Organized one day workshops on Revised Syllabus of B.Sc. II, Sem IV, DSC –C3 (physical Chemistry) and **“Hazardous impact of pesticides used in agricultural and its solution”** and **“Intellectual Property Rights”**
15. Completed **Refresher course at SWAYAM-ARPIT** Online Refresher Course In Chemistry For Higher Education 1st September 2019 to 31st Dec.2019.
16. Completed **Refresher course at SWAYAM-ARPIT** Online Refresher Course In Higher Education and Governance For Higher Education.
17. Delivered Guest lecture on Molecular Spectroscopy at Shri Yashwantrao Patil Science College, Solankur, Kolhapur
18. Worked as a LIC committee member at Shahu College, Kolhapur.
19. Worked as a subject expert for the Interview of at Vijaysing Yadav College, Peth Vadgaon.
20. Completed **Refresher course at UGC HRDC DAVV, Indore** Online Refresher Course In Chemistry (Core) from 11/07/2023 to 24/07/2023.
- 21.

**Research
Publications**

1. Studies of structural and magnetic properties of sol-gel synthesized cobalt substituted Zn-Mn chromites. A. S. Tapase, R. P. Patil, S. D. Delekar, I. S. Mulla, P. P. Hankare Journal of material science in material electronics: 25 (2014) 369.
2. . Improving magnetic and structural properties of $Zn_{1-x}Cu_xFeCrO_4$ by substituting copper synthesized by Citrate gel auto combustion route. P. P. Hankare, A. S. Tapase, R. S. Pandav, K. M. Garadkar, I. S. Mulla Material science in semiconducting processing. 31 (2015) 439.
3. .Sol-gel synthesized TiO_2-CeO_2 nanocomposite: an efficient photocatalyst for degradation of methyl orange under sunlight TM Wandre, PN Gaikwad, AS Tapase, KM Garadkar, SA Vanalakar, PD Lokhande, R Sasikala, PP Hankare Journal of Materials Science: Materials in Electronics 27 (2016/1) 825-833.
4. Synthesis, characterization and electrical properties of novel Mn substituted $MgAl_2O_4$ synthesized by sol-gel method AV Mali, TM Wandre, KR Sanadi, AS Tapase, IS Mulla, PP Hankare Journal of Materials Science: Materials in Electronics 27, 613-619
5. Nanocrystalline manganese substituted nickel ferrite thick films as ppm level H_2S gas sensors RS Pandav, AS Tapase, PP Hankare, GB Shelke, DR Patil Int. J. Recent Innov. Trends Comput. Commun 3, 5152-5156.
6. Magnetically separable mixed metal oxide nanocomposite ($Pd/MnFe_2O_4$) for Suzuki cross-coupling in aqueous medium DJ Sutar, SN Zende, AN Kadam, MG Mali, PM Mhaldar, AS Tapase, Journal of Organometallic Chemistry 983, 122541
7. Reductive Ullmann-Type Homocoupling of Aryl Halides Catalysed by Mixed Metal Oxide Nanocomposite ($Pd/MnFe_2O_4$) Under Aqueous Condition DJ Sutar, SN Zende, PM Mhaldar, DM Pore, AS Tapase, GS Gokavi Catalysis Letters, 1-10
8. Gas Sensing Application of Ceria, Cassiterite and Ceria-Cassiterite Nanocomposite CB Mane, RP Pawar, AS Tapase, HS More, BV Jadhav, RP Patil Research Journal of Chemistry and Environment

Project Work	<ol style="list-style-type: none"> 1. Minor Research Project sanctioned by Shivaji University under the “Research Sensitization Scheme for College Students”, Kolhapur (Title of Project: “Synthesis and Characterization of mixed metal oxide for their environmental applications” worth of Rs. 10000/-.) 2. Minor Research Project sanctioned by Shivaji University under the “Research Initiation Scheme for College Students”, Kolhapur (Title of Project: “Synthesis and Characterization of titania nanocomposites for their applications” worth of Rs. 1 Lac.) 3. Completed M.Sc. Project on “Fluprenscene Quenhing Of Flavin Mononucleotide (FMN)” 4. Guided to B. Sc. III and M.Sc, II students for projects.
Ph. D. Work	Ph. D. awarded on the research problem entitled “ SYNTHESIS AND CHARACTERIZATION OF MIXD METAL OXIDE AND THE APPLIACATIONS ”.
Other Achievements	Certificate Course in A.D.C.S.S.A., Diploma in Computer Programming, Diploma in Web Page Designing.
TECHNICAL SKILLS	CHARACTERIZATION TECHNIQUES <ul style="list-style-type: none"> • Programmable High Temperature and Vacuum Furnaces • Optical Microscope (grain boundaries, porosity calculations) • Fourier Transform Infrared Spectroscopy • Good experience of handling Shimadzu UV-1800 model Spectrophotometer • Resistivity Two Probe Set

Declaration:

I, hereby declare that all the statement made above are true, complete and correct to the best of knowledge.

Place : Kolhapur

Date :

(Dr. Asmita Shashikant Tapase)