

SHIVAJI UNIVERSITY, KOLHAPUR
Annual Self Appraisal Report (ASAR)

As per 7th Pay UGC Regulation 18th July, 2018 and
Govt. of Maharashtra Resolution 8th March, 2019

**For College Assistant /Associate Professor /
University Assistant Professor**

Academic Year : 2025 - 2026

(Duration : From 28/03/2025 To 27/03/2026)

A. General Information

- a) Name (Surname first) : Dr. Asmita S. Tapase
- b) Designation : Assistant Professor, Department of Chemistry
- c) College / University : Vivekanand College, Kolhapur (An Empowered Autonomous Institute), Kolhapur
- d) Department : Chemistry
- e) Date of Birth : 14th October, 1983
- f) Date of Appointment : 28th March, 2016
- g) Total Teaching Experience : UG : 09 Years, PG:04 year
- h) Permanent Address (with Pin code) : "Sharada Niwas", In front of Jotirling High school, Yogeshwari Colony, Pachgaon Road, Kolhapur, 416001.
- Mobile No. : 9595906820
- Email : asmitatapase@vivekanandcollege.ac.in

B. Academic Qualifications :

Sr. No.	Exam. Passed	University	Subject	Year	Grade / Class
1.	S.S.C.	Kolhapur	All	1999	Distinction (75.73%)
2.	H.S.C.	Kolhapur	Science	2001	First Class (66.50%)
3.	B.Sc.	Shivaji University, Kolhapur	Chemistry	2004	Distinction (77.88%)
4.	M.Sc.	Shivaji University, Kolhapur	Chemistry	2011	Distinction (75.50%)
5.	B.Ed.	Shivaji University, Kolhapur	Science and Maths	April, 2005	First Class (64.63%)
6	Ph.D.	Shivaji University, Kolhapur	Chemistry	Nov 2015	-

C. Research / Fellowship / Research Training Program:

Sr. No.	Research	Title of Work / Thesis	University / Institute
1.	Ph.D.	Synthesis and Characterization of mixed metal oxide and their applications.	Shivaji University, Kolhapur
3.	Fellowship	DST- INSPIRE fellowship	

D. Experience :

Designation and appointment nature	Period (from-to)	Classes Taught	Name of Institute	Pay and Allowances
CHB-Lecturer		Course Level- UUG Course- 11 th and 12 th Subject- Chemistry	New Model School, Kolhapur	Rs. 5000 P.M.
Assistant Professor (Contract Basis)		Course Level- PG Course- M.SC. Subject- Physical and Inorganic Chemistry	Shivaji University, Kolhapur	Rs. 15000 P.M.

E. Orientation / Refresher / Short Term Course / FDP Completed:

Sr. No.	Course	Duration	University / Institute
1.	Interdisciplinary Refresher Course in Chemical Sciences	Two weeks 27-10-2025 to 08-11-2025	MMTTC, Manipur University, Manipur
2.	Two week Online Refresher course on "Material Science and its Applications"	08-10-2025 to 20-10-2025	Malaviya Mission Teacher Training Center (MMTTC) of Shri. Mata Vaishno Devi University, Katra, J and K.
2.	Online NEP Orientation and Sensitization Programme- January	05-01-2026 to 13-01-2026	UGC - Malaviya Mission Teacher Training Centre, Kumaun University, Nainital (Uttarakhand)

Table 1

Assessment Criteria and Methodology for University/College Teachers

Table 1.1: Teaching –

Activity	Percentage Obtained	Grade Claimed	Grade Verified
Teaching- $\frac{663}{720} \times 100 = 92.08\%$ Where A: Number of classes(Lectures) taught B: Total classes (Lectures) assigned (Classes taught includes sessions on tutorials, lab and other teaching related activities)	92.08 %	Good	Good

Grading Criteria : 80% & above - Good, Below 80% but 70% & above - Satisfactory
 Less than 70% - Not satisfactory.

Note : Strike out whichever is not applicable.

Table 1.2: Involvement in the University/College students related activities / research activities:

Sr. No.	Activity	Grade Claimed	Grade Verified	Page No.
(a)	Administrative responsibilities such as Head, Chairperson/ Dean/ Director/ Co-coordinator, Warden etc. Number of activities : 11 - Convener of Criterion VI – Governance, Leadership And extension - IQAC – Member - NAAC Steering Committee – Member - B.Sc. II admission Committee - Member - Debating and various competition Committee-Member - Placement Cell - Member - Jati Adharit Bhedbhav Pratibandh Samiti-Member - BC cell – Member - Avishkar Committee - Member - Squad Cell – Member	Good	Good	

	- BoS Committee of Chemistry Department –Member			
(b)	Examination and evaluation duties assigned by the college / university or attending the examination paper evaluation. Number of activities : 17 - Worked as an External Practical Examiner of the POE Summer Examination for (P60PC206) Inorganic Chemistry Lab of M.Sc. I, Sem II at Sanjay Ghodawat University, Atigre. - Worked as an External Practical Examiner of the POE Summer Examination for (P60OT201) On job Training of M.Sc., Sem II at Sanjay Ghodawat University, Atigre. - Worked as an External Practical Examiner of the POE Summer Examination for (PCHPC206) Inorganic Chemistry Lab of M.Sc. I, Sem II at Sanjay Ghodawat University, Atigre. - Worked as an External Practical Examiner of the POE Summer Examination for (UCHSE101) Chemistry of cosmetics and perfumes Lab of B.Sc. I, Sem I at Sanjay Ghodawat University, Atigre - Worked as an External Examiner of On job Training of M.Sc., Sem II on 24 Oct. 24 at Department of Chemistry at Shri. Yashwantrao Patil Science College, Solankur - Worked as an External Practical Examiner of B.Sc. II (Physical Chemistry) on dated 22nd April to 26th April 25 at Gopal Krishna Gokhale College, Kolhapur. - Worked as an External Practical Examiner of B.Sc. III (Physical Chemistry) on dated 1st April to 3rd April 25 at Chatrapati Rajashri Shahu College, Kolhapur. - Worked as an External Practical Examiner of B.Sc. II Chemistry NEP (Physical Chemistry) Sem - III, Major, VSC, Minor Practical Examination Oct/Nov. 2025/- on dated 16/11/2025 to 19/11/2025 at Dattajirao Kadam Arts, Science And Commerce College, Ichalkaranji. - Worked as an External Practical Examiner of B.Sc. I Practical Examination in Chemistry NEP on dated 19/03/2026 to 20/03/2026 at Dr. Tanjirao Chorage Arts, Commerce and Science College, Nandwal. - Worked as an External Practical Examiner of B.Sc. I Practical Examination in Chemistry NEP on dated 12/03/2026 to 14/03/2026 at Shripatrao Chougule Arts and Science College, Kotoli, Panhala, Kolhapur. - Worked as a member of Squad committee 23 June 2025 to 03 July 2025.	Good	Good	

	- Worked as a member of Squad committee 30 Oct.2025 to 12 Nov 2025. - Worked as a member of Squad committee 24 Nov 2025 to 04 Dec 2025. - Worked as a member of Squad committee 17 Jan 2026 to 28 Jan 2026. - Worked as an Internal Examiner for the Exam conducted on from 02 April to 15 April 2026. - Theory and internal question paper setting & assessment B.Sc. I, II and III. - Worked as an expert and examiner at College level practical examination of B. Sc. I and III.	Good	Good	
(c)	Student related co-curricular, extension and field based activities such as student clubs, career counseling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services. Number of activities :11 - Delivered Guest lecture on “Elementary Quantum Mechanics” on 19th Sept. 25 organized by Department of Chemistry at Shri. Yashwantrao Patil Science College, Solankur. - Worked as Resource Person for one day workshop under Lead Cluster Scheme on “Preparation of Household Products” on 6th Oct. 2025 organized by Department of Chemistry of Shri. Yashwantrao Patil Science College, Solankur, Kolhapur. - Worked as Resource Person for one day workshop on “Making of Household Products” on 28th Oct. 2025 organized by Department of Chemistry of Sanjay Ghodawat University, Atigre, Kolhapur - Student’s Seminars - B. Sc. III and M.Sc. II5. Student’s Field Project - B. Sc. III - Student’s On Job Training - B. Sc. III - Departmental Activities – - M.Sc.-Welcome Function and B.Sc. Farewell Function. - National Science Day (28th Feb. 2026) celebration - Chemsophy 2026- Poster, Model presentation competition, Elocution and Chemquiz Competition. - Career counseling, - B.Sc. III projects - M.Sc. II projects - Organized various Training programs and Campus Drive in collaboration with various companies.			
(d)	Organizing seminars/ conferences/ workshops, other college/university activities. Number of activities : 11			

1. Organized and worked as a co-ordinator of One Day Workshop under Lead College Scheme of Shivaji University, Kolhapur in collaboration with IQAC on "Analytical Techniques - Pharmaceutical Applications and Quality Control" at 13th Nov. 2025 at Vivekanand College, Kolhapur (An Empowered Autonomous Institute). 2. Attended "International Webinar on Research Methodology" Organized By the Department of Chemistry of M. H. Shinde Mahavidyalaya, Tisangi, Kolhapur on 28th April 2025. 3. Online participated in "Highest Attendance in an Online Yoga Class Globally" hosted by Habuild with the Official World Record on International Yoga Day 2025 (21st June 2025). 4. Attended international E-Seminar on "Challenges and Opportunities in cross-Disciplinary Research" (COCDR-25) organized by Vedant Institute of Education And Technology, Shahapur on dated 20th July 2025. 5. Participated 4th international conference on "Research in multidisciplinary studies" organized by Aryavant International University, Tripura, on dated 8th Oct. 2025. 6. Presented and published research paper entitles "Synthesis, structural magnetic and dielectric study of TiO₂ supported NiFe₂O₄ nanostructures" in 2 day International conference on "Frontiers In Science And Technology (ICFST 2025) on 21st and 22nd Nov. 2025 organised by R. P. Gogate College of Arts & Science and R. V. Jogalekar College of Commerce (Autonomous), Ratnagiri. 7. Presented and published research paper entitles "Copper doped Cobalt oxide an Efficient Catalyst for photodegradation of Methylene Blue (MB)" in Third International Conference on "Emerging Trends in Basic and Applied Sciences (ETBAS -2026)" held on 5th Jan. 2026 organised by Karmaveer Hire Arts, Science and Education College, Gargoti, Tal-Bhudargad, Kolhapur. 8. Presented and published research paper entitles "Synthesis, structural magnetic and dielectric study of TiO₂ supported NiFe₂O₄ nanostructures" in One day International conference on "Recent Advances In Functional Materials For Energy, Environment And Life Sciences (ICRAFMEEL-2026) on 9th January 2026 organised by Dhoodhsagar Mahavidhyalaya, Bidri, Kolhapur. 9. Participated in workshop on "AI powered Teaching and Learning Aligning with NEP-2020" organized under Lead college Cluster Scheme by Dept. of Computer Science and IQAC on 21st Nov. 2025. 10. Participated in one day workshop on "Shaping	Good	Good	
--	------	------	--

	tomorrow - Careers, Skills and Transition for Viksit Bharat” organized under Lead college Cluster Scheme by Rajaram College, Kolhapur on 16 th Dec. 2025. Kolhapur. 11. Online participated in state level Seminar on topic “Frontiers in Nanoparticle Science : From Synthesis to Applications” organized by Krishna Vishwa Vidhyapeeth (Deemed to be University) held on 1 st Jan. 2026.	Good	Good	
(e)	Evidence of actively involved in guiding Ph.D. students. Number of Students : 04 1) Mr. Suraj Dhanaji Sutar (Guide) 2) Miss. Chendake Girija Balkrishna (Co-Guide) 3) Miss. Siddhika Nisar Inamdar (Guide) 4) Miss. Pooja Baban Dhole (Guide)			
(f)	Conducting minor or major research project sponsored by national or international agencies. Number of Projects : Major : Nil Minor : 01, sanctioned: Minor Research Project Completed and Submitted Minor Research Project “Synthesis and Characterization of Titania Nanocomposites For Their Applications” of Shivaji university under Research Initiation Scheme.	Good	Good	
(g)	At least one single or joint publication in peer reviewed or UGC list of Journals. :- 04 1) UK Design Patent on “Cellulose supported Ionic Liquid Catalyst Device for One – Pot Quinazoline – dione”. 2) Published research article in Ratnagiri Conference entitled “Multifunctional Behavior of Fe-Substituted Nickel Manganite’s: Structural, Magnetic, and Photocatalytic Insight” 3) Published research article in Energy Technology “A polyol Mediated synthesis of $\text{Li}_{0.5}\text{Co}_{0.5}\text{Fe}_{2.5-x}\text{O}_4$ ($x = 0.0, 0.5, 1.0, 1.5, 2.0, 2.5$) and its characterization for high performance supercapacitor” 4) Published research article in Journal of Alloys and compounds journal entitled “Structure-Property relationship and electrochemical energy storage performance of polio-synthesized $\text{Li}_{0.5}\text{Ti}_{0.75}\text{Fe}_{1.0}\text{O}_4$ ”			

Grading Criteria: Good - Involved in at least 3 activities

Satisfactory - 1-2 activities

Not-satisfactory - Not involved / undertaken any of the activities

Note: i) Number of activities can be within or across the broad categories of activities

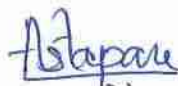
ii) Strike out whichever is not applicable.

Overall Grading:

Sr. No.	Grade	Criteria
1.	Good	Good in teaching (Table 1.1) and satisfactory or good in activity at Table 1.2.
2.	Satisfactory	Satisfactory in teaching (Table 1.1) and good or satisfactory in activity at Table 1.2.
3.	Not Satisfactory	If neither good nor satisfactory in overall grading

Note: For the purpose of assessing the grading of Activity at Table 1.1 and Table 1.2, all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for promotion under CAS due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down in these regulations and as per the acts, statutes and ordinances of the parent institution.

Overall Grading				
Sr. No.	Grade Claimed	Overall Grade Claimed	Grade Verified	Overall Grade Verified
Table – 1.1	Good	Good	Good	Good
Table-1.2	Good		Good	



Signature of the Faculty

(Dr. A. S. Tapase)


IQAC Coordinator

Coordinator - IQAC
Vivekanand College,
Kolhapur


Signature of HOD

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)


Signature of Principal

Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)