

CURRICULUM VITA

- 1) Name : Mrs. Kalpana Hanumant Surnavar
2) Educational Qualification : M.Sc., B.Ed., SET
3) Present Designation : Assistant Professor
4) Date of Birth : 07/10/1989
5) Contact No. : 8390314750
6) Email ID : avikalpana247@gmail.com
7) Date of Appointment : 14/07/2014
8) Teaching Experience : 8 years
9) Date of joining in present college: 03/12/2024

10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1	SSC	Pune Board	2006	-	Distinction
2	HSC	Pune Board	2008	Science	First class
3	B. Sc	SPPU	2011	chemistry	Distinction
4	M.Sc	SPPU	2013	Physical Chemistry	First Class
5	B.Ed	SPPU	2022	Maths & Science	Distinction
6.	MH_SET	UGC	2023	Chemical science	Qualified

11) Total Research Publications : 01

a. M.Phil / Ph.D./Research

Sr. No.	M.Phil/ Ph.D.Thesis Title	Name of The Univ.	Year of award	Name of Guide
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	Nil			

b. Book:

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
	Nil			

c. Chapter in Book:

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher
	Nil				

d. Research Paper:

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISBN	UGC. No./Impact Factor/ Citation Details
1					

e. Research Project:

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
	Nil					

f. Papers presented in Seminar / Conference:

g. Patent published/Register: _

12) Research Guidance:

a) Guide ship Details

Sr. No.	M.Phil./ Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1					
2					

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1				
2				

c) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1			

d) E-content developed:

\ Sr. No.	Title of Content	Level (UG/ PG / ALL)	Platform	Link of E-Content
1	Regions of the spectrum- molecular spectroscopy	All	Youtube	https://youtu.be/BPQE
2	Molecular spectroscopy	PG	Youtube	https://youtu.be/Q0b7
3	Microwave spectroscopy	PG	Youtube	https://youtu.be/5KKg
4.	Factors affecting intensity of spectral lines	PG	Youtube	https://youtu.be/3Dq
5.	Problem based on $J_{max}, I, B, r, \text{wavenumber}$	PG	Youtube	https://youtu.be/3PX7
6.	Non rigid rotator	PG	Youtube	https://youtu.be/9bSf

7.	Spectrum of non rigid rotator	PG	Youtube	https://youtu.be/cBmN
8.	Anharmonic oscillator	PG	Youtube	https://youtu.be/EpLR
9.	Transitions in the anharmonic oscillator	PG	Youtube	https://youtu.be/KSE
10.	Hot Bands in anharmonic oscillator	PG	Youtube	https://youtu.be/zXOT
11.	The diatomic vibrating rotator	PG	Youtube	https://youtu.be/Kq8H
12.	Vibrations in Polyatomic molecules	PG	Youtube	https://youtu.be/flgnK
13.	Influence of nuclear spin on vibrational spectrum	PG	Youtube	https://youtu.be/czCO
14.	Raman active vibrations	PG	Youtube	https://youtu.be/xPesA
15.	Raman spectroscopy-Classical ,Quantum mechanics	PG	Youtube	https://youtu.be/12-u

13. Work Experience on Academic Bodies and other

Sr.No.	Designation/ Position	Duration	Name of Institute / University	Details
1	BOS member	03 years	Department of Chemistry, TCC Baramati	M.Sc-I & II Syllabus Preparation
2.	Contingency services	04 years	Department of Chemistry, TCC Baramati	UV-Visible spectrophotometer

14 Life Membership of Profession Bodies:

Sr.No.	Name of Professional Body

15 Any other Attainment:
