

RESUME

Name: **Mr. RajmaneShivaji Vishnu**
Subject: Chemistry
Specialization: Inorganic Chemistry
Date of Birth: 18/05/1979
Date of Appointment: 07/03/2005
Academic Qualification: M.Sc. NET
Recognition: Permanent P. G. Teacher



01. Academic Qualification:

Sr. No.	Degree	University	Year of Passing	Class
1	NET	UGC CSIR	2004	Qualified
2	M. Sc.	Shivaji University, Kolhapur	2003	I st Class
3	B. Sc.	Shivaji University, Kolhapur	2001	Dist.
4	H.S.C.	Pone Board, Pune	1998	I st Class
5	S.S.C.	Pone Board, Pune	1996	I st Class
6	Pre-Ph.D.	Solapur University, Solapur	2011	Qualified

02. Orientation/ Refresher Course(3):

Name of the course	Place	Duration	Sponsoring Agency
Orientation	Goa	08/08/2008-29/08/2008	ASC, Goa University, Goa
Refresher	Goa	31/03/2011- 21/04/2011	ASC, Goa University, Goa
Refresher	Kolhapur	16/11/2015-06/12/2015	HRDC, Savitribaiphulepune university, Pune.

03. Attended - Workshop/Conference/Seminar/Symposia/Congress(30):

Sr. No.	Date	Level	Venue	Theme
1.	26/02/2018.	State	Solapur	Intellectual property rights.
2.	17/02/2018	National	Solapur	Recent Trends in Textile Chemistry
3.	02/02/2018.	National	Solapur	Microbial Technology for sustainable
4.	20/01/2018.	University	Solapur	One day Workshop on CBCS pattern syllabus discussion at B.Sc.-II Chemistry
5.	29 -30/12/2017.	National	Solapur	Soft Skill of PCB Designing.
6.	18/12/2017.	University	Kurduwadi	One day Workshop on CBCS pattern syllabus discussion at B.Sc.-III Chemistry.
7.	05/11/2017.	National	Solapur	Revised Assessment and Accreditation Methodology of NAAC.
8.	19/09/2017	National	Solapur	Understanding Revised Assessment and Accreditation Framework Manual.
9.	09-10/09/ 2017.	State	Solapur	Educational Video Making
10.	13/03/2016	State	Solapur	Workshop on environmental awareness
11.	09/02/2017	University	Solapur	Workshop on syllabus discussion at B.Sc.- II Chemistry.
12.	4-5/02/2017.	National	Solapur	Recent trends in chromatographic Techniques.
13.	21/01/2017	National	Sangola	Recent Trends in Nanomaterials and its applications.
14.	2-7/10/ 2016	State	Solapur	Trends in Wildlife Conservation.
15.	21/02/2015	National	Solapur	Latest Trends in Fundamental Research.
16.	31/1/2013-1/2/2013	National	Solapur	Recent Trends in Emerging Infectious Diseases and Environmental Pollution
17.	14-15/12/2012	National	Solapur	Physics of Nanomaterials and Applications
18.	7/10/2012	University	Solapur	Revised syllabus B.Sc. III (semester pattern) of Solapur University, Solapur
19.	21-24/01/2012	International	Solapur	Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads.
20.	9-10/01/2012	National	Osmanabad	Sustainable Chemistry: Challenges and opportunities

21.	18/01/2012	University	Solapur	Revised syllabus B.Sc. III (semester pattern) of Solapur University, Solapur
22.	21-22/1/2011	National	Osnanabad	Exploring recent Horizons in Chemical Sciences.
23.	23/01/2011	National	Omerga	Recent Instrumental Techniques in Coordination Chemistry
24.	24-25/01/2011	National	Solapur	Bio-Resources for Bio-Industries and Economic Zoology
25.	29-30/1/2010	National	Solapur	Bio-diversity & Conservation of Nature & Natural Resources
26.	5-6/02/2010	National	Solapur	Recent advances in Helio Physics
27.	23-24/10/2009	National	Shabad	Recent trends in Nano Science and Green Chemistry
28.	1-3/09/2005	University	Satara	Revised syllabus B.Sc. III of Shivaji University, Kolhapur
29.	10/12/2004	University	Kolhapur	Revised syllabus B.Sc. III of Shivaji University, Kolhapur
30.	19/01/2004	University	Kolhapur	Revised syllabus B.Sc. II of Shivaji University, Kolhapur

04.Presented paper–Workshop/Conference/Seminar/Symposia / Congress(18):

Sr. No	Date	Conference Name	Level	Venue	Title of the paper
1	2-4/11/2012	Emerging trends in chemistry	International	Solapur University, Solapur	Physicochemical studies on Cobalt (II) complexes of Heterocyclic Schiff Bases.
2	2-4/11/2012	Emerging trends in chemistry	International	Solapur University, Solapur.	Physicochemical, In vitro Plant nematocidal and Molluscicidal studies of thiazole Schiff bases.
3	2-4/11/2012	Emerging trends in chemistry	International	Solapur University, Solapur	Microwave mediated synthesis and characterization of aminothiazoles.
4	2-4/11/2012	Emerging trends in chemistry	International	Solapur University, Solapur	Spectral, Thermal and Anti-quorum Sensing Properties of 4-(2'-methoxyphenol)-2-aminothiazole.

5	9-10/01/2012	Sustainable chemistry: Challenges and Opportunities	National	Dr. BAMU, Sub-Centre, Osmanabad	Microwave mediated synthesis and characterization of aminothiazoles.
6	21-24/1/2012	Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads	International	Solapur University, Solapur	Spectral, magnetic and thermal studies of nickel(II) complexes of heterocyclic Schiff bases
7	21-24/1/2012	Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads	International	Solapur University, Solapur	Pd ⁰ catalyzed reactions of CH ₃ HgI with organic halides
8	28 th -30 th November 2013	Emerging horizons in biochemical sciences and nanomaterials	International	Department of Chemistry and Microbiology, Shrishivajima havidyalaya, Barshi	Physicochemical, in vitro plant nematocidal and molluscicidal study of 4-(2'-fluorophenyl)-2-aminothiazole. (PP-121)
9	28 th -30 th November 2013	Emerging horizons in biochemical sciences and nanomaterials	International	Department of Chemistry and Microbiology, Shrishivajima havidyalaya, Barshi	Synthesis and characterization of Schiff base metal complexes derived from N,N' (2-hydroxybenzaldehyde) diaminodiphenyl ether (PP-52)
10	22 nd -23 rd February 2014	Advanced research trends in chemistry	National	Department of Chemistry, D.B.F. Dayanand College of Arts and Science, Solapur	Thiazole Schiff bases: microwave assisted synthesis, spectral, thermal, XRD and biological studies. (PP-08)
11	22 nd -23 rd February 2014	Advanced research trends in chemistry	National	Department of Chemistry, D.B.F. Dayanand	Microwave assisted synthesis, structural, spectral characterization and biological activity

				College of Arts and Science, Solapur	of N, N'-bis[(E)-(4-fluorophenyl)methylidene]ethane-1,2-diamine. (PP-35)
12	7-8 Feb. 2015	Current Trends in Organic Chemistry	National	K.B.P. college, Pandharpur	Microwave assisted synthesis, spectral, thermal, X-ray diffraction and biological studies of thiazole Schiff bases.
13	8-10 January 2015	Chemical, Materials and Bio-Sciences for Sustainable Development.	International	Walchand College of Arts and Science, Solapur	Copper(II) complexes with (E)-N'-(4-Chloro benzylidene) hydrazinecarbothiohydrazide and biological activity.
14	1st -2nd Feb. 2017	Innovative research in chemical sciences	National	Department of Chemistry, Shivaji University, Kolhapur	Synthesis, Characterization, spectral, thermal and anticancer studies of Gallium (III) Complexes with 4,4,-diaminodiphenylether and substituted aldehydes. (PP-167, Page-205)
15	30 th April 2017	Innovations in Chemistry (IC- 2017)	National	Department of Chemistry, DBF Dayanand College of Arts and Science, Solapur.	Physico-chemical and Biological studies of Zn(II) metal chelates with fluoro substituted Schiff bases. (PP-25)
16	30 th April 2017	Innovations in Chemistry (IC- 2017)	National	Department of Chemistry, DBF Dayanand College of Arts and Science, Solapur.	Nematicidal, molluscicidal and microbial study of microwave assisted synthesized thiazole Schiff bases. (OP-01)
17	30 th April 2017	Innovations in Chemistry (IC- 2017)	National	Department of Chemistry, DBF Dayanand	Synthesis, Characterization and spectral studies of Indium (III) Complexes

				College of Arts and Science, Solapur.	with 4,4,-diaminodiphenylether and substituted aldehydes. (PP-02)
18	25 th Jan. 2017	Scope in Interdisciplinary Science	National	Department of Chemistry, B. P. College, Angar	Effect of annealing on properties of Indium sulphide thin films deposited by chemical bath deposition. (PP-26, Page-38)
19	14 th Feb. 2018	Nuclear Energy: Need of the society and misconceptions (NENSM-2018)	National	Department of Physics, D.B.F. Dayanand College of Arts and Science, Solapur	Synthesis, Characterization and biological evaluation of Zn(II) metal complexes with chloro substituted thiazole Schiff bases, PP-15
20	14 th Feb. 2018	Nuclear Energy: Need of the society and misconceptions (NENSM-2018)	National	Department of Physics, D.B.F. Dayanand College of Arts and Science, Solapur	Studies on structural, optical, electrical and morphological nanocrystalline Zinc Sulphide thin film, PP-27

05. Publication of Research paper in International /National Journals (14):

Sr. No.	Year	Title of the paper
1	2011	Synthesis and characterization of Schiff bases derived from 2-aminothiazoles, P. G. More, A. M. Nalawade, A. S. Lawand and S. V. Rajmane , <i>Avishkar-journal of Solapur University, Solapur</i> , 1, 25-31. Impact factor:0.463 ISSN: SNIP: SJR: https://www.semanticscholar.org/paper/Synthesis-%2C-Spectral-and-biological-studies-of-base-Rajmane-Ubale/ec5af4e12cfae7bf2d58a6019f6b51e225702487
2	2013	Zinc (II) complexes of NNO tri-dentate heterocyclic Schiff bases: Synthesis,

		Thermal and Biological Studies, Rajmane S. V. and Ubale V. P., <i>DAV International Journal of Science</i> , 2(1), 49-54. Impact factor:0.693 ISSN: 2277-5641, SNIP: SJR:
3	2013	Microwave assisted synthesis and characterization of substituted-2-aminothiazoles, Rajmane S. V. , Lawand A. S., Nalawade A. M., Bhalvankar R. B. Dama L. B. and More P. G., <i>DAV International Journal of Science</i> , 2(1), 65-69. Impact factor: 0.693 ISSN: 2277-5641, SNIP: SJR:
4	2013	A 4-(o-Chlorophenyl)-2-aminothiazole: Microwave assisted synthesis, spectral, thermal, XRD and biological studies, S. V. Rajmane , V. P. Ubale, A. S. Lawand, A. M. Nalawade, N. N. Karale and P. G. More, <i>Spectrochimical Acta Part A: Molecular and Biomolecular Spectroscopy</i> , 115, 393-398. Impact factor: 2.000; ISSN: 1386-1425, SNIP: SJR: https://www.sciencedirect.com/science/article/pii/S1386142513006628
5	2013	Novel route for preparation of ZrSe ₂ thin films, Asabe M. R., Ubale V. P., Rajmane S. V. and Manikshete A. H., <i>DAV International Journal of Science</i> , 2(2), 29-32. Impact factor:0.693 ISSN: 2277-5641, SNIP: SJR:
6	2013	Chemically deposited CdIn ₂ Se ₄ thin films: Photoelectrochemical applications, Asabe M. R., Ubale V. P., Rajmane S. V. and Manikshete A. H., <i>DAV International Journal of Science</i> , 2(2), 23-28. Impact factor: 0.693 ISSN: 2277-5641, SNIP: SJR:
7	2013	Physicochemical, In vitro Plant nematocidal and Molluscicidal studies of thiazole Schiff bases, Rajmane S. V. , Ubale V. P., Dama L. B., Asabe M. R. and More P. G., <i>DAV International Journal of Science</i> , 2(2), 14-18. Impact factor: 0.693 ISSN: 2277-5641, SNIP: SJR:
8	2013	Synthesis, Spectral and Biological studies of thiazole Schiff base derived from 4-(2'-fluorophenyl)-2-aminothiazole, Rajmane S. V. , Ubale V. P., Dama L. B., Asabe M. R. and More P. G., <i>International Journal of Pharmaceutical science Invention</i> , 2(7), 33-36. Impact factor: 1.693 ISSN:2319-6718, SNIP: SJR: http://www.ijpsi.org/Papers/Vol2%287%29/Version-1/G0271033036.pdf
9	2013	A 4-(o-methoxyphenyl)-2-aminothiazole: an anti-quorum sensing compound, P. G. More, N. N. Karale, A. S. Lawand, S. V. Rajmane , S. V. Pawar, R. H. Patil, <i>Med. Chem. Res.</i> 22, 4183-4191. Impact factor:1.612; ISSN: 1554-8120; SNIP: 0.742SJR:0.295 https://link.springer.com/article/10.1007/s00044-012-0291-8
10	2013	Synthesis, In Vitro Plant Nematocidal and Molluscicidal Studies of Thiazole Schiff Bases Derived From 4-(2'-Chlorophenyl)-2-aminothiazole

		<p>S. V. Rajmane and V. P Ubale <i>International Journal of Pharmaceutical science Invention</i>, 2(8), 01-05. Impact factor: 1.693 ISSN:2319-6718, SNIP: SJR: http://www.ijpsi.org/Papers/Vol2%288%29/Version-1/A02810105.pdf</p>
11	2013	<p>Properties of electrochemically deposited CdTe thin films: annealing effect, M. R. Asabe, V. P. Ubale, A. H. Manikshete, V. T. Vader S. V. Rajmane and S. D. Delekar. <i>J. Mater. Sci: Mater Electron</i>, August 24(11) 4655-4661. Impact factor: 1.486, ISSN: 1573-482X SNIP: 0.937; SJR: 0.439. https://link.springer.com/article/10.1007%2Fs10854-013-1457-y</p>
12	2013	<p>Physicochemical, in vitro nematocidal and molluscicidal study of 4-(2'- fluorophenyl)-2-aminothiazole. S. V. Rajmane and V. P. Ubale. <i>International Journal of Pharmaceutical science Invention</i>, 2(11), 07-13. Impact factor:1.693 ISSN:2319-6718, SNIP: SJR: http://www.ijpsi.org/Papers/Vol2%2811%29/B021107013.pdf</p>
13	2014	<p>Physicochemical and biological studies on 4-(o,p-dichlorophenyl)-2-aminothiazole, R. A. Nalawade, S. V. Rajmane <i>International Journal of Pharmaceutical Science Invention (IJPSI)</i> 3(9), 55-59. Impact factor: 1.693 ISSN:2319-6718. http://www.ijpsi.org/Papers/Vol3%289%29/H039055059.pdf</p>
14	2015	<p>Microwave assisted synthesis, structure, spectral characterization and biological studies of (E)-N'-(4-Chlorobenzylidene)hydrazinecarbothiohydrazide, R. A. Nalawade, S. V. Rajmane <i>International Journal of Pharmaceutical Science Invention (IJPSI)</i> 4 (2015) 1-4 Impact factor: 1.693 ISSN:2319-6718. http://www.ijpsi.org/Papers/Vol4%285%29/A0450104.pdf</p>

06. Research Project(01):

Name of Scheme	Title of project	File No.	Grant allocated	Grant received	Grant utilized till	Remarks, if any
UGC-MRP	Physicochemical and biological studies on Schiff base metal complexes	F.47-814/09 (WRO)	175000	107500	111000	Completed

07. Academic Bodies(6):

Sr. No.	Date	Nature of work
1	2018	Sub-Committee Member of syllabus framing committee of B.Sc.-III Chemistry
2	From 2017	Member of Central Parches committee.
3	From 2017	Member of AQAR committee.
4	From 2017	Member of IQAC committee
5	From 2013	Member of Departmental store and perches committee
6	2013	Member of examination panel of Taluka Level Science Exhibition, at Savaleshwar, Tal- Mohol.
7	From 2010	Member of admission committee for B.Sc.-I, II & III.
8	From 2010	Member of Examination panel of M.Sc.-I (Inorganic Chemistry) Examination of Solapur University, Solapur.
9	From 2006	Member of Examination panel of B.Sc.-I, II & III.(Inorganic Chemistry) Examination of Solapur University, Solapur.
10	2010	Member of examination panel of M.Sc-I at Dr. BAMU, Sub-Campus, Osmanabad.
11	2013	Member of Pay fixation of Non-SET/NET teachers in Solapur Division.

08. Books Published (43):

Sr. No.	Name of Book	Pages	ISBN No.	Year
1	A text book of Physical Chemistry for B.Sc.-I (Sem.-I)	115	978-93-83525-82-9	Oct. 2013
2	A text book of Inorganic Chemistry for B.Sc.-I (Sem.-I)	124	978-93-83525-93-5	Oct. 2013
3	A text book of Organic Chemistry for B.Sc.-I (Sem.-II)	168	978-93-83971-15-2	Jan. 2014
4	A text book of Analytical Chemistry for B.Sc.-I (Sem.-II)	130	978-93-83971-03-9	Jan. 2014
5	A text book of Organic Chemistry for B.Sc.-II (Sem.-III)	193	978-93-5164-165-0	July 2014
6	A text book of Inorganic Chemistry for B.Sc.-II (Sem.-III)	136	978-93-5164-179-7	Aug. 2014
7	A text book of Physical Chemistry for B.Sc.-II (Sem.-IV)	116	978-93-5164-414-9	Nov. 2014
8	A text book of Analytical and Industrial Inorganic Chemistry for B.Sc.-II (Sem.-IV)	190	978-93-5164-415-6	Dec. 2014
9	A text book of Organic Chemistry for B.Sc.-I (Sem.-II)	168	978-93-83971-15-2	Jan. 2015
10	A text book of Analytical Chemistry for B.Sc.-I (Sem.-II)	132	978-93-83971-03-9	Jan. 2015

11	A text book of Physical and Inorganic Chemistry for B.Sc.-I (Sem.-I)	205	978-93-5164-685-3	July 2015
12	A text book of Organic Chemistry for B.Sc.-II (Sem.-III)	192	978-93-5164-475-8	Aug. 2015
13	A text book of Inorganic Chemistry for B.Sc.-II (Sem.-III)	137	978-93-5164-685-3	Jun. 2015
14	A text book of Physical Chemistry for B.Sc.-III (Sem.-V)	142	978-93-5164-751-5	Aug. 2015
15	A text book of Inorganic Chemistry for B.Sc.-III (Sem.-V)	160	978-93-5164-752-2	Aug. 2015
16	A text book of Organic Chemistry for B.Sc.-III (Sem.-V)	226	978-93-5164-753-9	Aug. 2015
17	A text book of Analytical and Industrial Physical Chemistry for B.Sc.-III (Sem.-V)	138	978-93-5164-754-6	Aug. 2015
18	A text book of Organic and Analytical Chemistry for B.Sc.-I (Sem.-II)	294	978-93-5164-952-6	Dec. 2015
19	A text book of Physical Chemistry for B.Sc.-II (Sem.-IV)	116	978-93-5164-931-1	Dec. 2015
20	A text book of Analytical and Industrial Inorganic Chemistry for B.Sc.-II (Sem.-IV)	191	978-93-5164-932-8	Dec. 2015
21	A text book of Physical Chemistry for B.Sc.-III (Sem.-VI)	116	978-93-5164-967-0	Jan. 2016
22	A text book of Inorganic Chemistry for B.Sc.-III (Sem.-VI)	156	978-93-5164-968-7	Jan. 2016
23	A text book of Organic Chemistry for B.Sc.-III (Sem.-VI) CGPA Pattern	163	978-93-5164-969-4	Jan. 2016
24	A text book of Analytical and Industrial Organic Chemistry for B.Sc.-III (Sem.-VI) CGPA Pattern	168	978-93-5164-970-0	Jan. 2016
25	A text book of Inorganic Chemistry for B.Sc.-I (Sem.-I) CBCS Pattern	126	978-93-86084-28-6	July 2016
26	A text book of Physical Chemistry for B.Sc.-I (Sem.-I) CBCS Pattern	104	978-93-5164-685-3	July 2016
27	A text book of Physical Chemistry for B.Sc.-III (Sem.-V) CGPA Pattern	118	978-93-5164-751-5	July 2016
28	A text book of Analytical and Industrial Physical Chemistry for B.Sc.-III (Sem.-V) CGPA Pattern	112	978-93-5164-754-6	July 2016
29	A text book of Inorganic Chemistry for B.Sc.-III (Sem.-V) CGPA Pattern	168	978-93-5164-752-2	July 2016
30	A text book of Organic Chemistry for B.Sc.-I (Sem.-II) CBCS Pattern	172	978-93-83971-15-2	Dec. 2016
31	A text book of Analytical Chemistry for B.Sc.-I (Sem.-II) CBCS Pattern	154	978-93-83971-15-2	Dec. 2016

32	A text book of Physical Chemistry for B.Sc.-III (Sem.-VI) CGPA Pattern	120	978-93-5164-967-0	Dec. 2016
33	A text book of Analytical and Industrial Organic Chemistry for B.Sc.-III (Sem.-VI) CGPA Pattern	192	978-935164-970-9	Dec.2016
34	A text book of Inorganic Chemistry for B.Sc.-III (Sem.-VI) CGPA Pattern	156	978-93-5164-968-7	Dec. 2016
35	A text book of Organic Chemistry for B.Sc.-III (Sem.-VI) CGPA Pattern	163	978-935164969-5	Dec.2016
36	A text book of Organic Chemistry for B.Sc.-II (Sem.-III) CBCS Pattern	198	978-93-5164-750-8	Jul. 2017
37	A text book of Inorganic Chemistry for B.Sc.-II (Sem.-III) CBCS Pattern	139	978-93-5164-685-3	Jun. 2017
38	A text book of Physical Chemistry for B.Sc.-II (Sem.-IV) CBCS Pattern	116	978-93-5164-931-1	Dec. 2018
39	A text book of Analytical and Industrial Inorganic Chemistry for B.Sc.-II (Sem.-IV) CBCS Pattern	165	978-93-5164-932-8	Jan. 2018
40	A text book of Physical Chemistry for B.Sc.-III (Sem.-V) CBCS Pattern	175	978-93-88194-48-8	July 2018
41	A text book of Analytical and Industrial Physical Chemistry for B.Sc.-III (Sem.-V) CBCS Pattern	171	978-93-88194-51-8	July 2018
42	A text book of Inorganic Chemistry for B.Sc.-III (Sem.-V) CBCS Pattern	181	978-93-88194-49-5	July 2018
43	A text book of Organic Chemistry for B.Sc.-III (Sem.-V) CBCS Pattern	210	978-93-88194-50-1	Aug 2018

09. Membership:

- 1) Member of Indian Journal of Chemical Society: yearly(SF/7232).
- 2) Life member of Willey society
- 3) Organizing Member of State Level Workshop for SET/NET Examination
- 4) Organizing Secretary of National Conference of Awareness of Physical Fitness, organized by Dept of Physical Education, DBF Dayanand College of Arts & Science, Solapur
- 5) Local Advisory Committee member of National Seminar (SIS-2017) organized by Dept of Chemistry & Botany, BP College of Arts & Science, Angar.

10. Prizes and Awards: Second prize for the paper presentation in National conference at K. B. P. College, Pandharpur.

11. Extra Curricular Activities:

1. A series of lectures on "Radioactivity and Nuclear Chemistry" to XIIth standard students in Malkapur Junior college, Malkapur (2004).
2. Carrying out research work for Ph. D. degree under the guidance of Prin. Dr. V. P. Ubale, in

Solapur University, Solapur (2009).

3. Delivered guest lecture on Catalysis to the First Year Engineering students of Shri Siddheshwar Women's Polytechnic, Solapur on 14th September 2017.

12. Other Achievements: Appreciated by Dayanand Institutions, Solapur for undertaking UGC sponsored Minor Research Project.

13. Declaration:

I hereby declare that all the statements made are true to the best of my knowledge and belief. I am aware that I will be responsible for any information given above is incomplete or incorrect.

Date: 31/10/2018

Place: Solapur

(Mr. S. V. Rajmane)