

RESUME

Name: *Mrs. Gawali Rakhi Gajanan*

Subject: Chemistry

Date of Birth: 17/07/1979

Date of Appointment: 13/08/2003

Academic Qualification: M.Sc., B. Ed., SET

Recognition: P.G. Teacher

No. of Candidates: --

1. Registered for M. Phil. ___ - ___, Completed M. Phil. ___ - ___

2. Registered for Ph.D. ___ - ___, Completed Ph.D. ___ - ___

1. Academic Qualification:

Degree	University	Year of Passing	Class
B. Sc.	Dr. B.A.M.U, Aurangabad	1999	Distinction
M. Sc.	Dr. B.A.M.U, Aurangabad	2001	First Class
B.Ed.	Dr. B.A.M.U, Aurangabad	2002	Distinction
SET	PUNE	2002	Qualified
MS-CIT	MSBTE, Mumbai	2002	Distinction

2. Orientation/ Refresher Course:

Sr. No	Year	Duration	Place
1	2008	03/11/06- 02/12/06	UGC-ASC, University of Pune, Pune (OC).
2	2008	04/02/08- 24/02/08	UGC-ASC, University of Pune, Pune (RC).
3	2017	27/01/14- 15/02/14	IASC, INSA, NASI, Dayanand Science College, Latur (RC)

4	2018	19/11/2018- 25/11/2018	UGC-ASC, Savitribai Phule Pune University, Pune (STC).
---	------	---------------------------	--

3. Attended - Workshop/Conference/Seminar/Symposia/Congress: 16

Sr. No.	Year	Level	Venue	Theme
1	24/12/2005	State	Solapur	Making Teaching-Learning Effective
2	23-24/02/2008	National	Dr. BAMU Sub-Campus Osmanabad	Recent advances in Nano Sciences
3	16-17 April. 2009	National	Department of Chemistry, B.L.D.E. Associations, S.B. Arts & K.C.P Science College, Bijapur (Karnataka).	Green chemistry
4	29-30 Jan. 2010	National	DBF Dayanand College, Solapur	Biodiversity & Conservation of Nature & Natural Resources
5	5- 6 Feb. 2010	National	DBF Dayanand College, Solapur	Recent advances in Helio Physics
6	21-22/01/2011	National	Solapur	Advanced Nanomaterials, Sensors & Instrumentation
7	24-25/01/2011	National	Solapur	Bio-resources for Bio-industries & Economic Zoology
8	4-5 Nov. 2011	National	Dayanand Science College, Latur	Ecofriendly Synthesis of Organic Compounds
9	9-10 Jan. 2012	National	Dr. BAMU Sub-Campus Osmanabad	Sustainable chemistry: challenges and opportunities
10	21-24 Jan.	International	School of Chemical Sciences,	Expanding Horizons in

	2012		Solapur University, Solapur	Chemical and Biological Sciences: Innovations Crossroads
11	25-26 Feb. 2012	National	Dr BAMU, Sub-Campus, Osmanabad	Instrumental Technique in Chemical Sciences
12	7 Oct. 2012	University	DBF Dayanand College, Solapur	Discussion on B.Sc. III syllabus
13	2-4 Nov. 2012	International	School of Chemical Sciences, Solapur University, Solapur	Emerging Trends in Chemical Sciences
14	14-15 Dec. 2012	National	DBF Dayanand College, Solapur	Physics of Nanomaterials and their applications
15	31 Jan-1 Feb. 2013	National	DBF Dayanand College, Solapur	Recent Trends in Emerging Infectious Diseases & Environmental Pollution
16	28-30 Nov. 2013	International	Shri Shivaji Mahavidyalay, Barshi.	Emerging Horizons in Biological sciences
17	17-18 Jan. 2014	National	Dept. of Chemistry, Shivaji University, Kolhapur	Current Trends in Chemical and Nano Sciences (CTCNS-2014)
18	22-23 Feb. 2014	National	Dept. of Chemistry, DBF Dayanand College of Arts & Science, Solapur.	Advanced aresearch Tends in Chemistry (ARTC-2014)
19	30 th June 2014	National	Dept. of Chemistry, Solapur University, Solapur	Frontiers in Chemical sciences (FCS-2014)
20	21 st Feb. 2015	National	Solapur University, Solapur	Latest Trends in Fundamental Rsearch
21	6 th -7 th Oct. 2015	University	Department Zoology, DBF Dayanand College, Solapur	“Wild Life conservation”
22	20 th Dec. 2015	University	Walchand College, Solapur	One Day Workshop entitled “Discussion on Curriculum of

				B.Sc. Chemistry CBCS Pattern”
23	28 th and 29 th Dec. 2015	National	Dr. BAMU, Sub-campus Osmanabad,	Recent challenges in advanced material and green chemistry.
24	16 th Jan. 2016	College	Dayanand College of Arts & science, Solapur.	Consumer Guidance Society of India
25	25 th August, 2016	National	Solapur University, Solapur	workshop on “Indian Patenting & Filing Procedures”
26	2 nd to 7 th Oct. 2016	State	Department Zoology, DBF Dayanand College, Solapur	Conference on “Trends in Wildlife Conservation”
27	17 th and 18 th Dec. 2016	National	Dept. of Chemistry, Arts, Science & Commerce College, Baramati	Recent trends in physical, chemical and biosciences.
28	21 st Jan- 2017	National	Dept. of Physics and Chemistry, Vidnyan Mahavidyalaya, Sangola	Recent trends in Nanomaterials and its applications.
29	25 th Jan. 2017	National	Dept of Chemistry and Botany, BP College of Arts & science, Angar	Scope in Interdisciplinary sciences. (SIS-2017)
30	1-2 Feb. 2017	National	Dept of Chemistry Shivaji University, Kolhapur	Innovative research in Chemical sciences. (IRCS-2017)
31	18 th to 20 th Feb-2017	National	Sinhgad Institutes, Solapur	Innovative Technologies for Rural Development and Their Commercialization (ITRDC-2017)
32	30 th April 2017	National	D.B.F. Dayanand College of Arts and Science, Solapur.	Innovations in Chemistry (IC- 2017)
33	20 th	University	Dayanand College of Arts &	One Day Workshop on “B.Sc.

	January, 2018.		Science, Solapur.	II CBCS Pattern Syllabus in Chemistry”
34	21 st February, 2018.	National	DBF Dayanand College of Arts & Science College, Solapur	“Awareness of Physical Fitness”
35	26 th February, 2018.	National	DBF Dayanand College of Arts & Science College, Solapur	Seminar on “Intellectual Property Rights”

4. Presented paper – Workshop /Conference /Seminar /Symposia / Congress: 13

Sr.No	Year	Level	Venue	Title of the paper
1	9-10 Jan. 2012	National	Dr. BAMU Sub-Campus Osmanabad	Synthesis and characterization of pyrazole chalcones by using PEG-300 as a green reaction solvent
2	21-24 Jan. 2012	International	School of Chemical Sciences, Solapur University, Solapur	Green & environmentally benign process for synthesis of pyrazole chalcones by using PEG-300 as a green solvent
3	2-4 Nov. 2012	International	School of Chemical Sciences, Solapur University, Solapur	Fluorinated pyrazole chalcones as potential nematicidal and molluscicidal agents.
4	28-30 Nov. 2013	International	Shri Shivaji Mahavidyalay, Barshi.	Synthesis and antioxidant activity of semicarbazone derivative containing pyrazole scaffold by using PEG-400.
5	17-18 Jan. 2014	National	Dept. of Chemistry, Shivaji University, Kolhapur	PEG mediated synthesis and in vitro anti-inflammatory and antioxidant activities of fluoro hydroxyl substituted pyrazole chalcones.
6	22-23	National	Dept. of Chemistry, DBF	Synthesis of N-acetyl pyrazolylpyraolines

	Feb. 2014		Dayanand College of Arts & science, Solapur.	as potential antibacterial agents.
7	30th June 2014	National	Dept. of Chemistry, Solapur University, Solapur	A new, solvent free efficient synthesis of 2-amino thiazole scaffolds using phosphorus oxychloride as a reaction medium.
8	6th, 7th Feb. 2015	National	Dept. of Chemistry, K.B.P Mahavidyalay, Pandharpur.	Synthesis of N-phenyl pyrazolylpyrazolines as potential antioxidant agents.
9	16th & 17th Dec- 2016	National	Dept. of Chemistry, Arts, Science & Commerce College, Baramati	Green synthesis and biological evaluation of some new difluorinated pyrazole chalcones as antifungal and anti-inflammatory agents.
10	21st Jan- 2017	National	Dept. of Physics and Chemistry, Vidnyan Mahavidyalaya, Sangola	Design and synthesis of 2-pyrimidinyl naphthoxazine derivatives as anti-tubulin agents.
11	21st Jan- 2017	National	Dept. of Physics and Chemistry, Vidnyan Mahavidyalaya, Sangola	Synthesis and biological evaluation of benzofused thiazine derivatives
12	25th Jan. 2017	National	Dept of Chemistry and Botany, BP College of Arts & science, Angar	Fluorinated pyrazole curcumin analogues as hydrogen peroxide scavenger.
13	1-2 Feb. 2017	National	Dept of Chemistry Shivaji University, Kolhapur	Difluorinated pyrazole chalcones as antioxidant agents.
14	1-2 Feb. 2017	National	Dept of Chemistry Shivaji University, Kolhapur	Synthesis and biological evaluation of 2- pyrimidinyl-2,3-dihydro-1H- naphtha[1,2-e][1,3]oxazine derivatives as tubulin polymerization inhibitors.
15	18th to 20th Feb-	National	Sinhgad Institutes, Solapur	Synthesis and biological evaluation of 2- pyrimidinyl-2,3-dihydro-1H- naphtha[1,2-e][1,3]oxazine as anti-

	2017			tubulin agent
16	30th April' 2017	National	Dept. of Chemistry, DBF Dayanand College of Arts & science, Solapur. (IC-2017)	Nematicidal study of N-Acetyl pyrazoline derivatives (OP)
17	30th April' 2017	National	Dept. of Chemistry, DBF Dayanand College of Arts & science, Solapur.	Design and Synthesis of 2-pyrimidinyl naphthoxazine derivatives as Anti-tubulin agents and DNA intercalators

5. Publication of Research paper in International /National Journals: 04

Sr. No.	Year	Title of the paper
1	2016	Synthesis and characterisation of novel 5-(3,4-dichlorophenyl)-2-furanyl chalcones R G. Gawali, S Y. Jadhav, Nargisbano A. Peerzade, R B. Bhosale DAV International Journal of Science , Vol. 5, Issue 1, 32-36.
2	2017	PEG mediated synthesis and antibacterial activity of one pot 1, 4 disubstituted 1, 2, 3-triazole derivatives. S. P. Shirame, S. Y. Jadhav, R G. Gawali, R. B. Bhosale DAV International Journal of Science , Vol. 6, Issue 1, 1-6. IISN: 2277-5536 (print), 2277-5641 (online)
3	2017	One pot synthesis of substituted benzodiazepine using molecular iodine. N. A. Peerzade, S. Y. Jadhav, R G. Gawali, R. B. Bhosale* DAV International Journal of Science , Vol. 6, Issue 1, 1-4. IISN: 2277-5536 (print), 2277-5641 (online)
4	2018	Design, synthesis, docking studies and biological screening of 2-thiazolyl substituted -2,3-dihydro-1 <i>H</i> -naphth[1,2- <i>e</i>][1,3]oxazines as potent HIV-1 reverse transcriptase inhibitors. Rakhi Gawali , Jay Trivedi, Sujit Bhansali, Raghunath Bhosale**, Dhiman Sarkar and DebashisMitra*

		European Journal of Medicinal Chemistry , Vol. 157, 310-319. (ISSN 0975-6299, <i>Impact Factor</i> : 4.816)
--	--	--

No. of research paper published	Total Impact Factor	Citation index	h index	i10 index	SNIP	SJR
4	4.816	--	--	--	--	--

6. Research Project: Nil

Name of Scheme	Purpose	File No.	Grant allocated	Grant received	Grant utilized till	Remarks, if any
	---	---	---	---	---	---

7. Academic Bodies:

Sr. No	Year	Nature of work
1	From 2005	Examiner for B. Sc. I, II & III at Solapur University, Solapur.
2	2018	Subcommittee member for Syllabus Framing of B. Sc. III (CBCS Pattern) at Solapur University, Solapur.

8. Books Published:

Sr. No.	Name of Book	Publication	ISBN No.	Year
--	---	---	---	---

8. Membership: -----

9. Awards & Prizes:

1. **Third Merit** at B.Sc Examination in May-1999, Dr BAMU Aurangabad.
2. **Third Merit** at M.Sc (Org. Chemistry) Examination in May-2001, Dr BAMU Aurangabad.
3. **Fifth Merit** at B, Ed, Examination in May-2002, Dr BAMU Aurangabad.
4. UGC Award of **Teacher Fellowship** under FIP during XII Plan Period (2013-2016).
5. **Best Poster** Presentation Award (**Third Prize**) in International Conference (ETCS-2012) at Solapur University, Solapur.
6. **Best Poster** Presentation Award (**First Prize**) in National Conference (NCPACAM-2013) at C.B. Khedgi College, Akkalkot.
7. **Best paper** presentation award (**First Prize**) in National Conference on (ARTC-2014) at DBF Dayanand College of Arts & Science, Solapur.
8. **First Prize** in Pure Sciences Category at Teacher Level of 'Avishkar-2016' University Level Research Festival

9. Extra Curricular Activity:

- Contributed as Resource Person in Chemistry for entrance examination [SU-CET of B.Sc.(ECS)].
- Presented seminar topic on 'Synthesis and biological evaluation of 2-pyrimidinyl Naphthoxazine derivatives as an anti-tubulin agent' on 01/07/2017 in the Refresher Course in General Chemistry held at Dayanand science College, Latur.
- Delivered Inspirational talk at the eve of Guru Pornima on 10/07/2017 to the students of Jnana Prabodhini Balvikas Mandir, Solapur.
- Actively participated in organization of Blood donation camps and donated blood during these camps.
- Worked as a member of NSS program in college.

- Actively participated in conferences conducted by various departments of our college.

11. Others:

1. Permanent recognition as a Post Graduate Teacher of Solapur University, Solapur.

The above information given is correct and true as per my best knowledge.

(Mrs. R. G. Gawali)