



Prof. (Dr.) Ratnamala Prakash Sonawane.

M.Sc. Ph.D. M.Sc (Subject Communication)

Professor, Chemistry Department,

Institute of Science, Fort Mumbai 32.

Dr. Bhabha State University, Mumbai

Website: www.iscmumbai.org.in

(o):22844219 (R): 25794423 (M): 9821846311

Email: ratnamala@iscm.ac.in

ratnasonawane02@gmail.com

BIO-DATA

Qualification	1) M.Sc. (Organic Chemistry). Poona University. 2) M.Sc. (Subject Communication). Y. C. M .O. U .Nasik. 3) Ph. D (Chemistry). Mumbai University.
Religion	Hindu
Category	O.B.C.
Date of Birth	02.05.1966.
First Appointment in Government College	Ismail Yusuf College, Jogeshwari (E).Mumbai- 60 From 16.08.1990 . as per Government G.R. No.SC 1003/ (204-A/01)/Mashi- dated 08.11.2005.
Service in Government colleges	1) Ismail Yusuf College, Jogeshwari(E).Mumbai-60 From 16.08.1990 to 21.07.2011(21 years) (for post graduate& under graduate Students 2) Institute of Science, Fort, Mumbai- 32. From 22.07.2011 till date (for post Graduate students)
Selection Grade	From 27.07.2003 as per Government G.R. No. SCP 2009/ (207/09)/Mashi-1, dated 18.12.2009
Research Papers presented in Conferences	31
Research Papers Published in Journals	37
Guided M.Sc (By Research) Students	02
Ph.D. Students	01 Student completed Ph.D, 02 students thesis submitted, 06 students working
Administrative Experience	01 year Head of Chemistry Department, Ismail Yusuf College, Jogeshwari(E)

Academic Qualification

Qualification	University	Subject	Marks and Class	Year of passing
B.Sc.	Poona	Chemistry	78% I Class with distinction	1986
M.Sc.	Poona	Organic Chemistry	62% I Class	1988
M.Sc.	Y.C.M.O.U.Nasik.	Subject communication	58%	2008
Ph.D.	Mumbai	Chemistry	---	2010

Teaching Experience

Designation	Institute	Duration
Teacher in Chemistry	Vartak College, Vasai.	1989-1990
Associate professor in Chemistry	Govt. of Maharashtra's Ismail Yusuf College Jogeshwari(E).Mumbai-60	From 16.08.1990 to 21.07.2011 (21 Years)
Associate professor in Chemistry	Institute of Science, Fort, Mumbai- 32	22.07.2011 To 25.11.2021
Professor in Chemistry	Dr. Homi Bhabha State University, Institute of Science, Fort, Mumbai- 32	26.11.2021 to till date

Ph.D. thesis

Ph.D thesis title	Guide's Name	University	Year of Award
Solvent Extraction and Spectropotometric determination of Co(II), Ni(II), Cu(II),Fe(II) and U(VI)using Hydrazine Carboxamide-2-[(2-Hydroxy-1-naphthalenyl)Methylene]	Dr. Ram Lokhande	Mumbai	2010

Professional recognition/Award/Prize/Certificate, fellowship received by the applicant

S.No.	Name of Award	Awarding agency	Year
1.	Fellow membership(F.I.C.C.E)	International Congress of Chemistry and Environment	2012

Research Guidance

List of M.Sc (By Research) Degree Awarded

Sr. No	Name of M.Sc By Research Student (Award)	Registration No. and Date of Registration	Notification No. and Date of Award	Topic
1.	Atul kumar Singh (M.Sc by Research)	159/4 April 2013	Th/ICF/2015-16/95/ 29.12.2015 14.01.2016	Synthesis of 2-[2-(4-chloro Benzothiozole)Imino]5-Nitro phenol as new organic reagent for their analytical and Biological applications
2.	Ritima Singh(M.Sc by Research)	157/25.03.2013	Th/ICF/2015-06/75/ 29.01.2016	Synthesis of 2-[[4-(1,3-Benzoimidazole-2-yl)Phenyl}Imino}5-Nitro phenol as Novel organic reagent for their Analytical and Biological properties.

List of Ph.D. Students registered in Mumbai University

Sr.No.	Name of Ph.D Students Registered	Registration No and Date of Registration	Topic	
1.	Nilesh Kshirsagar	188/20.11.2014	Development of new methodologies, Interpretation and Structural analysis for the Synthesis of benzo[c]phenanthridine and Benzo[c]chromen and its derivatives	Thesis Submitted
2.	Atul kumar Singh	236/09.12.2016	Synthesis of 2-[2-(4-chloro Benzothiozole)Imino]5-Nitro phenol as new organic reagent for their analytical and Biological applications	Ph.D Degree Awarded
3.	Ritima Singh	244/21.07.2017	Extractive Spectrophotometric studies and Biological Screening of 2-[4-(1H Benzimidazole-2-yl)Phenyl Imino]-2-Hydroxy-4-Methoxy Benzaldehyde and its Cu(II), Ni(II),Co(II),Fe(II),Mn(II) metal complexes	Ph.D Degree Awarded

List of Ph.D. Students registered in Dr. Homi Bhabha State University

Sr.No.	Name of Ph.D Students Registered	Registration No and Date of Registration	Topic	
1.	Ms. Satyabhama Vishwkarma	27.10.2020	Synthesis and Characterization, Biological activities of mixed ligand complexes of derivatives of Coumarin -3- carboxylic acid and 1,10-Phenanthroline	
2.	Mohan Sagare	27.10.2020	Synthesis, Characterization and Biological Evaluation of triazole derivatives	
3.	Ms. Archana Baraskar	27.10.2020	Synthesis and Study of biologically active Benzothiozole derivatives	
4.	Mr. Shivhari Gavand	27.10.2020	Synthesis and Study of Biologically active [4,4'-bi-1,3-benzothiozole]-2,2'-diammine derivatives	
5.	Smita Gite	Admitted	Synthesis and Study of biologically active Pyranopyrazole and its derivatives	

Minor research projects completed:

Principal Investigator	Title of the project	Date of sanction and Letter No	Grants sanctioned:	Grants received:	Funding Agency:
Dr.Ratnamala P. Sonawane	Synthesis and extractive spectrophotometric determination of some metal chelates of bidentate Schiff base derived from Benzoimidazole	APD/237/429 of 2017 dated 16 th January, 2017	Rs.40000/-	Rs.40000/-	University of Mumbai

Recommended as subject expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Assistant professor stage 3 to associate Professor stage 4 on Tuesday 18 th November 2016 at Siddharth College of Arts, Science and Commerce, Mumbai.
Recommended as Subject Expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Assistant professor stage 3 to associate Professor stage 4 on Tuesday 27 th august 2019 at Siddharth College of Arts, Science and Commerce, Mumbai.
Appointed as External referee by Kavyatri Bahinabai chaudhary North Maharashtra University, Jalgaon for Ph.D Viva-Voce of Smt. Simantini Patil in October 2019.
Appointed as External referee by Jaipur National University, Jaipur for Ph.D Viva-Voce of Mr. Prashant Chandorkar on 10 th January 2020.
Appointed as External referee by Kavyatri Bahinabai chaudhary North Maharashtra University, Jalgaon for Ph.D Viva-Voce of Mr. Ravindra M. Patil in March 2020.
Appointed as External referee by Kavyatri Bahinabai chaudhary North Maharashtra University, Jalgaon for Ph.D Viva-Voce of Ms. Shinde Vrushali on 01.02.2021.
Appointed as External referee by Gondwana University, Gadchiroli for Ph.D Viva-Voce of Mr. Dinesh D. Duryodhan on 25.08.2021.
Appointed as External referee by Jaipur National University, Jaipur for Ph.D Viva-Voce of Ms. Madhuti K Jagare on 30 th November 2021.
Recommended as Joint Director's nominee on selection committee for CAS for stage 2 Assistant Professor to stage 3 Associate Professor on 15.02.2021 in Ramanand Arya D.A.V. college, Bhandup, Mumbai-42
Recommended as subject expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Associate Professor stage 13A to Professor stage 14 on Tuesday 02 nd March 2022 at K.C. College of Arts, Science and Commerce, Churchgate, Mumbai.
Appointed as External referee by Jaipur National University, Jaipur for Ph.D Viva-Voce of Mr. Revannath Bhagwat on 28 th March 2022.

Best Paper Award

Got Best Paper Award for the paper, "Development of method for extractive spectrophotometric determination of Cu(II) with of 2-[[4-(1, 3- benzoimidazole-2- yl) phenyl] imino] -5- nitro phenol as an analytical reagent," in International conference on science, engineering and technology , ICSET-2015 with a theme recent Trends in Science, Management,

Engineering and Technology organized by Jagadambha college of Engineering and technology, Yavatmal in collaboration with Birla Institute of Technology, Offshore Campus- Ras al Khaimah, UAE on 21-23 November, 2015.

Guru Gourav Puraskar

Got Guru Gourav Puraskar on Mahatma Jyotiba Phule Smrutidin, 28th November 2017 from O.B.C. Vidyarthi- Shikshak-Palak Vikas Association, Dhule.

Felicitation for Socio-Education Performance

Maulana Azad Vichar Manch appreciates, felicitates and honoured for outstanding successful performance in the field of Socio-Education in the presence of Hon. Hussain Dalwai (Member Rajya Sabha) and Haji Ebrahim Bhaijan (Member Hajj Committee, Govt of India) on 11th August 2018.

Local Advisory Committee member

Selected as **College Development Committee member** for the Institute of Science in 2017-18.

Felicitated as “Dhyan Prasarn Yogi”

Felicitated as “Dhyan Prasarn Yogi” in Samaj Bhandhav “Gurujan’ Sanman Gourav Gurujanancha Mandal, Pune on 06th January 2019.

Felicitated as Chairman of the programme for Samaj Bhandhav “Gurujan’ Sanman Gourav Gurujanancha Mandal, Pune on 6th January 2019.

Publications

Sr. No	Author's Name	Title	Journal	ISSN No.	Vol. Yr page	Link to website of the Journal	Link to article/paper /abstract of the article
1.	R.S. Lokhande , Utkarsha M. Chavan and Ratnamala P. Sonawane	Development of method for Extractive Spectrophotometric Determination of Ni(II) with 1-Naphthalene carboxamide, 2-Hydroxy-Phenyl Hydrazone as an analytical reagent	Bull. Che. Sci.	0973-8134	Vol VII Issue I P.P.61-65, 2009		
2.	R.S. Lokhande Ratnamala P. Sonawane and Utkarsha M. Chavan	Development of method for Extractive Spectrophotometric Determination of Cu(II) with Hydrazine Carboxamide-2-	Int. J. Chem. Sci.	0972-768X Impact Factor 1.6	9(2), 2011, 503-509.		

		[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent.					
3.	R.S. Lokhande Ratnamala P. Sonawane and Utkarsha M. Chavan	Analytical method development for Extractive Spectrophotometric Determination of Co (II) with Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent.	Int. J. Chem. Sci.	0972-768X Impact Factor 1.6	10(1),2012,342-348		
4.	R.S. Lokhande and Ratnamala P. Sonawane	Use of Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent for Extractive Spectrophotometric Determination of Nickel(II)	Int. J. Chem. Sci.	0972-768X Impact Factor 1.6	10(1), 2012,391-398.		
5.	R.S. Lokhande and Ratnamala P. Sonawane	Synthesis of Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent for Extractive Spectrophotometric Determination of Fe(II)	Res. J. Pharm, Bio and Chem. Sci.	0975-8585	3 (2), 2012, 27-33.		
6.	Ratnamala P. Sonawane	Comparative study of chemical synthesis of dihydropyrimidine (DHPMS) derivatives by Biginelli Reaction using microwave	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Index Copernicus International (Ic value for 2013)=8.24	5(2013) 7-11.		

		irradiation and conventional method.					
7.	Ratnamala P. Sonawane, Rahul Tripathi	The Chemistry and synthesis of 1H- indole-2,3-dione(isatin) and its derivatives	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Global Impact Factor 0.876	7(2013) 30-36.		
8.	R.S. Lokhande , Utkarsha M. Chavan and Ratnamala P. Sonawane	Development of method for extractive spectrophotometric determination of Co (II) with 2-hydroxy- 1-naphthalene carboxaldehyde phenyl hydrazone as an analytical reagent	Int. J. Chem. Sci.	0972-768X Impact Factor 1.6	11(1), 2013, 436-442.		
9.	R.S. Lokhande , Utkarsha M. Chavan and Ratnamala P. Sonawane	Development of method for extractive spectrophotometric determination of Ni (II) with 2-hydroxy- 1-naphthalene carboxaldehyde phenyl hydrazone as an analytical reagent	Int. J. Chem. Sci.	0972-768X Impact Factor 1.6	11(1), 2013, 598-604.		
10.	Ratnamala P. Sonawane, R.S. Lokhande and, Utkarsha M. Chavan	Development of method for extractive spectrophotometric determination of Cu (II) with 2-hydroxy- 1-naphthalene carboxaldehyde phenyl hydrazone as an analytical reagent	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Global Impact Factor 0.876	9(1),(2013),1-6.		
11.	Ratnamala P. Sonawane,	Development of method for extractive	Int. Letts. of Chem,	2299-3843 Global Impact	9(1),(2013),7-12.		

	R.S. Lokhande and, Utkarsha M. Chavan	spectrophotometric determination of Fe (III) with 2-hydroxy- 1-naphthalene carboxaldehyde phenyl hydrazone as an analytical reagent	Phy and Astrology.	Factor 0.876			
12.	Ratnamala P. Sonawane, Rahul Tripathi	An Extraction of the Isatin from the Couroupita Guianensis (Cannanball tree) and a novel synthesis of N-N'-(2-oxo-3'H-spiro[Indoline-3,2'-[1,3,4]thiadiazol]-3'-5'-diyl]diacetamide from the Isatin.	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Global Impact Factor 0.876	10(2),2013,119-125.		
13.	Ratnamala P. Sonawane	Synthesis and Characterisation of 1H- indole-2,3-dione(isatin) and its Novel derivatives	Asian J. of Biochemical and Pharmaceutical Research.	2231-2560 Global Impact factor0.456 Scientific journal Impact factor 2.56	Issue 1 Vol 4(2014), 129-134		
14.	Ratnamala P. Sonawane	Green synthesis of pyrimidine derivative	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Global Impact Factor 0.876	2(2014), 64-68.		
15.	Ratnamala P. Sonawane	Use of Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent for extractive spectrophotometr	British journal of Pharmaceutical Research.	2231-2919 Impact Factor 8.739	4(14): 1762-1771, 2014.		

		ic determination of U (VI)					
16.	Ratnamala P. Sonawane	Comparative study of pyrimidine derivatives by using Grindstone Chemistry Technique and Conventional method.	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Global Impact Factor 0.876	14(1) 2014,22-27		
17.	Ratnamala P. Sonawane, Atul Singh, Ritima Singh	Comparative study and chemical synthesis of dihydropyrimidine derivatives by Biginelli Reaction using microwave irradiation and conventional method.	Xplore, Xavier's Research Journal.	2249-1878	Vol 4 Issue1, 113-121, Jan 2014.		
18.	Ratnamala P. Sonawane, Ritima Singh	Use of 2-[(4-(1,3-benzimidazole-2-yl) phenyl) imino]-5-nitro phenol as an analytical reagent for extractive spectrophotometric determination of Cu (II)	World Journal of Pharmaceutical Sciences	2321-3086 Impact Factor 2.819	3(10):2119-2124, 2015.		
19.	Ratnamala P. Sonawane, Atul Kumar Singh.	Development of method for extractive spectrophotometric determination of Cu (II) with of 2-[2-(4-chloro benzothiozole) imino]-5-nitro phenol as an analytical reagent	International Research Journal of Natural and Applied Sciences.	2349-4077 Impact Factor 2.818	2(10), Oct 2015, 1-11.		
20	Ratnamala P. Sonawane, Ritima Singh	Development of method for extractive spectrophotometr	International Research Journal of	2349-4077	2(10), Oct		

		ic determination of Fe (II) with of 2-[[4-(1, 3-benzimidazole-2- yl) phenyl] imino] -5- nitro phenol as an analytical reagent	Natural and Applied Sciences	Impact Factor 2.818	2015, 71-81.		
21	Ratnamala P. Sonawane, Atul Kumar Singh	Development of method for extractive spectrophotometric determination of Fe (II) with of 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	World Journal of Pharmaceutical Sciences	2321-3086 Impact Factor 2.819	3(12):23 40-2347, 2015.		
22	Ratnamala P. Sonawane	Development of extractive spectrophotometric determination of Cu(II) with of 2-[[4-(1, 3-benzimidazole-2- yl) phenyl] imino] -5- nitro phenol as an analytical reagent	International journal of researchers in Biosciences agriculture and technology IJRBAT	ISSN2347-517X	Issue 7, Nov 2015, 174-177.		
23	Ratnamala P. Sonawane	Synthesis, Characterisation and Antimicrobial activity of 2-[1-(2,4-Dihydroxyphenyl) Ethylene] Hydrazine Carboxamide and its Zn(II) metal complex.	Int. Letts. of Chem, Phy and Astrology.	2299-3843 Global Impact Factor 0.876	Vol 79, Aug 2018, PP- 9-16		
24	Ratnamala P. Sonawane	Synthesis, Characterisation and Biological evaluation of	Journal of Chemical, Biological and	E- ISSN: 2249 – 1929 Global Impact	Aug – Oct 2018, Vol 8,		

		Co (II) complex of 1-(2,4-dihydroxyphenyl) ethanone Semicarbazone	Physical Sciences	Factor 0.614	No.4,68 7-695		
25	Ratnamala P. Sonawane	Synthesis, Characterization and Antimicrobial activity of 2,4 dihydroxy acetophenone semicarbazone and its Cu (II) Metal complex	International Journal of Scientific Research and Review	ISSN: 2279-0543 SIJF Impact Factor 2018 6.946	Oct-Dec, 2018, 7(4), 321-330		
26	Ratnamala P. Sonawane	Synthesis, Characterization and Biological evaluation of 2-[1-(2,4-Dihydroxyphenyl) Ethylene] Hydrazine Carboxamide and its Ni(II) metal complex.	Online International Interdisciplinary Research Journal, OIJRJ:	ISSN: 2249-9598 Global Impact Factor 0.756	Vol-9, Issue-2, March-April 2019, 12-20.	http://oiirj.org/oiirj/	http://www.oiirj.org/oiirj/march-apr2019/03.pdf
27.	Ratnamala P. Sonawane, Atul Kumar Singh, Ritima Singh and Nilesh Kshirsagar	Development of method for extractive spectrophotometric determination of Ni(II) with of 2-[2-(4-chloro benzothiazole) imino]-5- nitro phenol as an analytical reagent	Review of Research	ISSN: 2249-894X Impact Factor 5.7631	Special Issue, 2019	http://oldror.lbp.world/	Ratna published papers 2\Review of Research , atul, Special Issue 2019, 1-6.pdf
28.	Ratnamala P. Sonawane, Ritima Singh,	Development of method for extractive spectrophotometric	Review of Research	ISSN: 2249-894X	Special Issue, 2019	http://oldror.lbp.world/	Ratna published papers 2\Review of

	Atul Kumar Singh	ic determination of Co (II) with of 2-[[4-(1, 3-benzimidazole-2- yl) phenyl] imino] -5- nitro phenol as an analytical reagent		Impact Factor 5.7631			Research, Ritima, special issue 2019, 1-7.pdf
29.	Ratnamala P. Sonawane, Atul Kumar Singh, Ritima Singh and Nilesh Kshirsagar	Development of method for extractive spectrophotometric determination of Co(II) with of 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	Journal of Emerging Technologies and Innovative Research(JETIR)	ISSN: 2349-5162 Impact Factor 7.95	Volume -6, Issue-6, June 2019, 109-116	https://www.jetir.org	https://www.jetir.org/view?paper=JETIR1906F22
30.	Ratnamala P. Sonawane, Atul Kumar Singh, Ritima Singh and Nilesh Kshirsagar	Development of method for extractive spectrophotometric determination of Zn(II) with of 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	ISSN:2321: 9653 IC value 45.98, SJ Impact factor 7.177	Vol 7, Issue VI, June 2019, 2553-2557.	www.ijraset.com	DOI : 10.22214/ijraset.2019.6432
31	Ratnamala P. Sonawane, Atul Kumar Singh, Ritima Singh and Nilesh Kshirsagar	Development of method for extractive spectrophotometric determination of Mn(II) with of 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	International Journal of basic and applied research	ISSN:2249-3352(P) 2278-0505(E) Cosmos Impact Factor-5.960	Vol 9, Number 7, July2019, 681-690	http://www.pragatipublication.com/	Ratna published papers 2\IJBAR, Vol 9,Number 7, July 2019, 681-690.pdf
33	Ratnamala P. Sonawane, Ritima Singh Atul Kumar Singh,	Development of method for extractive spectrophotometric determination of Mn(II) with of 2-{4-(1h benzimidazole-	Journal of Emerging Technologies and Innovative Research(JETIR)	ISSN: 2349-5162 Impact Factor 7.95	Volume -6, Issue-6, June 2019, 196-200	https://www.jetir.org	https://www.jetir.org/papers/JETIR1906Q27.pdf

		2yl)phenyl imino}-2-hydroxy-4-methoxybenzaldehyde as an analytical reagent					
34	Ratnamala P. Sonawane, Ritima Singh Atul Kumar Singh	Development of method for extractive spectrophotometric determination of Ni (II) with of 2-{4-(1h benzoimidazole-2yl)phenyl imino}-2-hydroxy-4-methoxybenzaldehyde as an analytical reagent	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	ISSN:2321:9653 IC value 45.98, SJ Impact factor 7.177	Vol 7, Issue VII, July 2019,63 7-641	www.ijraset.com	DOI : 10.22214/ijraset.2019.7102
35	Ratnamala P. Sonawane, Ritima Singh Atul Kumar Singh	Development of method for extractive spectrophotometric determination of Fe (II) with of 2-{4-(1h benzoimidazole-2yl)phenyl imino}-2-hydroxy-4-methoxybenzaldehyde as an analytical reagent	International Journal for Research in Engineering Application & Management(IJREAM)	ISSN: 2454-9150 Impact factor 3.497	Vol 5, Issue 9, Dec 2019, 297-301	https://www.ijream.org/IJREAM_V05I09.html	DOI : 10.35291/2454 - 9150.2019.0579
36	Ratnamala P. Sonawane, Ritima Singh Atul Kumar Singh and Nilesh Kshirsagar	Synthesis, Characterization and antimicrobial activity of 2-{4-(1h benzoimidazole-2yl)phenyl imino}-2-hydroxy-4-methoxybenzaldehyde and its Cu(II) metal complex	International Journal of Scientific Development and Research (IJS DR)	ISSN: 2455-2631 Impact factor google scholar index 5.47	Vol 5, Issue 5, May 2020, 459-463	https://www.ijdsdr.org/	https://www.ijdsdr.org/papers/IJSDR2005072.pdf

37	Nilesh Kshirsagar, Ratnamala Sonawane, Prashant Patil, Yue Wang, Lingxin Chen	Fluorescent chemosensor for Al(III) based on chelation-induced fluorescence enhancement and its application in live cells imaging	Inorganica Chimica Acta (Elsevier Journal)	https://doi.org/10.1016/j.ica.2020.119805 Impact factor 2.545	511 (2020)19805, 1-6	https://www.sciencedirect.com/journal/inorganica-chimica-acta/issues	https://doi.org/10.1016/j.ica.2020.119805
38	Nilesh Kshirsagar, Ratnamala Sonawane, Sultan Pathan, Ganesh Kamble, Girdhar Pal Singh	A Review on Synthetic Approaches of Phenanthridine	Letters in Organic Chemistry ISSN: 1875-6255 (Online) ISSN: 1570-1786 (Print)	DOI:10.2174/1570178666210218211424 Impact factor 0.867	18.02.2021		DOI:10.2174/1570178666210218211424

Presentations

Sr. No.	Name	Name of Paper	Conference	Held at	Date and year
1.	Ratnamala P. Sonawane, and R.S. Lokhande	Solvent extraction in photometric determination of Co (II) with Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent	45 th Annual Convention of Chemists 2008 of Indian Chemical Society held	P.G. Department of Studies in Chemistry, Karnataka University, Darwad, Karnataka	November 23-27 Nov, 2008.
2.	Ratnamala P. Sonawane and R.S. Lokhande	Solvent extraction and Spectrophotometric determination of Fe (II) using Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent	International Conference On NANOMATERIALS & APPLICATIONS (ICNAMA2008)	Department of Chemistry and Department of Physics, Shivaji University, Kolhapur (Maharashtra State, India).	December 9-11, 2008.
3.	Ratnamala P. Sonawane and R.S. Lokhande	Use of Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent for the extractive spectrophotometric determination of Nickel (II)	Proceedings of the 2008 of Indian Council of Chemistry	Department of Chemistry, University, Haridwar and Indian Chemical Society.	December, 26-28, 2008.

4.	Ratnamala P. Sonawane and R.S. Lokhande	Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent for the extractive spectrophotometric determination of U (VI)	28 th Annual conference 2009 of Indian Council of Chemists	Hemachandra North Gujarath University, patan	7-10, Nov. 2009.
5.	Ratnamala P. Sonawane and R.S. Lokhande	Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent for the extractive spectrophotometric determination of Cu (II)	46 th Annual Convention of Chemists and International Conference on recent Trends in Chemical Sciences 2009 of Indian Chemical Society	Chemistry division, School and Humanities VIT University, Vellore, Tamil Nadu	December 02-06, 2009.
6.	Ratnamala P. Sonawane and R.S. Lokhande	Solvent extraction and Spectrophotometric determination of Fe (II) in some pharmaceuticals using Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an analytical reagent	State Level Conference on Recent Advances in Chemistry organized	Department of Chemistry, Sonopant Dandekar College, Palghar	February 19-20, 2010.
7.	Ratnamala P. Sonawane and R.S. Lokhande	Synthesis of Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] and its application to Extractive Spectrophotometric determination of U (VI)	National conference on environmental pollution and monitoring	Changue Kana Thakur, New Panvel	September 17-18, 2010.
8.	Vijay S.Sule and Dr. R. P. Sonawane	Comparative study of chemical synthesis of DHPMS derivatives by Biginelli Reaction using microwave	*Research Scholar's Meet-2012.	Institute of science, Fort, Mumbai	28 th February 2012.

		irridation and conventional method.			
9.	R.P.Sonawane and Pratima Adhikari	Synthesis and Characterization of 2, 4 dihydroxyacetophenone and its Cu(II) and Zn(II) metal complexes.	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
10.	R. P.Sonawane and Preethi Sequeira,	Synthesis and Characterization of 2, 4 dihydroxyacetophenone and its Co(II) and Ni(II) metal complexes	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
11.	R.P.Sonawane and Rahul Tripathi	The chemistry and synthesis of 1H-Indole-2,3-dione(Isatin) and there different derivatives.	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
12.	R.P.Sonawane and satish b. sawant	Synthesis and Characterisation of n-[2-(4-sulfamoylphenyl) Ethyl] Benzamide.	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
13.	R. P.Sonawane and Pankaj Patil	Preparation & Characterization Of Biodiesel From Soyabean Oil.	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
14.	R. P.Sonawane and <u>Rosna Rajan</u>	Synthesis And Characterization Of Light Emitting Poly (Arylene Ethynylene) S Containing Pyrene In The Main Chain For Optoelectronic Applications.	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
15.	R. P.Sonawane and Priya ,	Synthesis And Characterisation Of Coumersins Using B- Naphthol And O-Cresol.	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.

16.	R. P.Sonawane and Sudhir Kini	Synthesis and Characterization of 1-Bromo 4-Hydroxy Propiophenone	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
17.	R. P.Sonawane and Manvendra Mhatre	Synthesis and Characterization of Ciprofloxacin Hydrochloride	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
18.	R. P.Sonawane and Avinash B. More	Green Synthesis Of Pyrimidine Derivative	*Research Scholar's Meet-2013.	Institute of science, Fort, Mumbai.	28 th February 2013.
19.	Ratnamala P. Sonawane , Atul Singh, Ritima Singh	Green Synthesis Of Pyrimidine Derivative	"Green Chemistry: A Route to Sustainable Development"	M. D. College, Parel, Mumbai-12.	3 rd December 2013
20.	R.S.Lokhande, Utkarsha Chavan and Ratnamala Sonawane.	Development of method for extractive spectrophotometric determination of Ni(II) with 2-hydroxyl-1-naphthalene carboxaldehyde phenyl hydrazone	"Green Chemistry: A Route to Sustainable Development"	M. D. College, Parel, Mumbai-12.	3 rd December 2013
21.	Ratnamala P. Sonawane, Atul Singh, Ritima Singh.	Comparative study of chemical synthesis of dihydropyrimidine derivatives by Biginelli reaction using microwave irradiation and conventional method.	International conference – Chemistry Cutting Edge: Nano, Green and beyond	St. Xaviers college(Autonomous), Mumbai..	held on 6 th and 7 th January, 2014
22.	Ratnamala P. Sonawane* , Atul Singh, Ritima Singh, Mukesh Jakhamola	Comparative study of conventional verses microwave synthesis of dihydropyrimidine (DHPMS) derivatives by Biginelli Reaction	National conference – Frontiers in the field of Science, Technology and Sustainability	Elphinstone College, Mumbai	14 th and 15 th February 2014.
23.	Ratnamala P. Sonawane* , Atul Singh, Ritima Singh, Mukesh Jakhamola	Comparative study of chemical synthesis of pyrimidine derivatives by using Grindstone chemistry Technique and	National conference – Frontiers in the field of Science, Technology and Sustainability	Elphinstone College, Mumbai	14 th and 15 th February 2014.

		Conventional method.			
24.	Ratnamala P. Sonawane*	Use of Hydrazine Carboxamide-2-[(2-Hydroxy-1-Naphthalenyl) Methylene] as an Analytical Reagent for the Extractive Spectrophotometric Determination of U(VI).	International conference on emerging Trends and Challenges in Science and Technology	Bionanofrontier and International society of science and technology in association with Sinsil international Ltd , A. D. Instruments, Society for Development of new life sciences, Experts farm Ltd. At The Montien Bangkok Hotel, 54 Surawongse road, Bangkok, Thailand.	03-05 November, 2014.
25	Ratnamala P. Sonawane	Development of method for extractive spectrophotometric determination of Cu(II) with of 2-[[4-(1, 3-benzimidazole-2-yl) phenyl] imino] - 5- nitro phenol as an analytical reagent	International conference on science, engineering and technology , ICSET-2015 with a theme recent Trends in Science, Management, Engineering and Technology	Jagadambha college of Engineering and technology, Yavatmal in collaboration with Birla Institute of Technology, Offshore Campus- Ras al Khaimah, UAE.	21-23 November, 2015.
26	Ratnamala P. Sonawane, Ritima Singh, Atul Singh.	Development of method for extractive spectrophotometric determination of Fe (II) with of 2-[[4-(1, 3-benzimidazole-2-yl) phenyl] imino] - 5- nitro phenol as an analytical reagent	UGC- SAP sponsored International conference on New Horizons in Synthetic and Material Chemistry (ICSMC-2015)	Department of Chemistry, University of Mumbai, Vidyanagari, Santacruz (East)Mumbai400098, India.	26-28 November, 2015.
27	Ratnamala P. Sonawane, Atul Singh, Ritima Singh.	Development of method for extractive spectrophotometric determination of Cu (II) with of 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	UGC- SAP sponsored International conference on New Horizons in Synthetic and Material Chemistry (ICSMC-2015)	Department of Chemistry, University of Mumbai, Vidyanagari, Santacruz (East)Mumbai400098, India.	26-28 November, 2015.

28	Ratnamala P. Sonawane, Atul Singh, Ritima Singh, Nilesh Kshirsagar	Synthesis, Characterization and antimicrobial activity of 2,4 dihydroxy acetophenone semicarbazone and its Ni (II) metal complex	National Conference on Current Trends and Future Prospects in Fungal Biotechnology	THE DEPARTMENT OF BOTANY, The Institute of Science, Mumbai-32	8 th & 9 th February 2019
29	Ratnamala P. Sonawane, Atul Singh, Ritima Singh, Nilesh Kshirsagar	Development of method for extractive spectrophotometric determination of Mn(II) with of 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	Recent Trends in Chemistry (RTC-2019)	THE DEPARTMENT OF CHEMISTRY, The Institute of Science, Mumbai-32	14 th and 15 th , February 2019
30.	Ratnamala P. Sonawane, Atul Singh, Ritima Singh, Nilesh Kshirsagar	Development of method for Extractive Spectrophotometric dertermination of Ni (ii) with 2-[2-(4-chloro benzothiozole) imino]-5- nitro phenol as an analytical reagent	International Interdisciplinary Conference on “Recent Trends in Science”	J.S.M. College, Alibag-Raigad	8 th and 9 th March 2019
31.	Ratnamala P. Sonawane, Ritima Singh, Atul Singh,	Development of method for Extractive Spectrophotometric determination of Co (II) of 2-{4-(1h benzimidazole-2-yl) phenyl imino}-2-hydroxy-4-methoxy benzaldehyde as an analytical reagent.	International Interdisciplinary Conference on “Recent Trends in Science”	J.S.M. College, Alibag-Raigad	8 th and 9 th March 2019

Best Paper Award

Got Best Paper Award for the paper, “Development of method for extractive spectrophotometric determination of Cu(II) with of 2-[[4-(1, 3- benzoimidazole-2- yl) phenyl] imino] -5- nitro phenol as an analytical reagent,” in International conference on science, engineering and technology , ICSET-2015 with a theme recent Trends in Science, Management, Engineering and Technology organized by Jagadambha college of Engineering and technology, Yavatmal in collaboration with Birla Institute of Technology, Offshore Campus- Ras al Khaimah, UAE on 21-23 November, 2015.

Guru Gourav Puraskar

Got Guru Gourav Puraskar on Mahatma Jyotiba Phule Smrutidin, 28th November 2017 from O.B.C. Vidyarthi- Shikshak-Palak Vikas Association, Dhule.

Felicitation for Socio-Education Performance

Maulana Azad Vichar Manch appreciates, felicitates and honoured for outstanding successful performance in the field of Socio-Education in the presence of Hon. Hussain Dalwai (Member Rajya Sabha) and Haji Ebrahim Bhaijan (Member Hajj Committee, Govt of India) on 11th August 2018.

Local Advisory Committee member

Selected as **College Development Committee member** for the Institute of Science in 2017-18.

Felicitated as “ Dhyan Prasarn Yogi”

Felicitated as “ Dhyan Prasarn Yogi” in Samaj Bhandhav “Gurujan’ Sanman Gourav Gurujanancha Mandal, Pune on 06th January 2019.

Felicitated as Chairman of the programme for Samaj Bhandhav “Gurujan’ Sanman Gourav Gurujanancha Mandal, Pune on 6th January 2019.

Recommended as Subject Expert

- 1) Recommended as Subject Expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Assistant professor stage 3 to associate Professor stage 4 on Tuesday 18th November 2016 at Siddharth College of Arts, Science and Commerce, Mumbai.
- 2) Recommended as Subject Expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Assistant professor stage 3 to associate Professor stage 4 on Tuesday 27th august 2019 at Siddharth College of Arts, Science and Commerce, Mumbai.
- 3) Invited to chair oral session at International Interdisciplinary Conference , J.S.M. College, Alibag-Raigad on 8th and 9th March 2019.
- 4) Appointed as External referee by Kavyatri Bahinabai chaudhary North Maharashtra University, Jalgaon for Ph.D Viva-Voce of Smt. Simantini Patil in October 2019.
- 5) Appointed as External referee by Jaipur National University, Jaipur for Ph.D Viva-Voce of Mr. Prashant Chandorkar on 10th January 2020.
- 6) Appointed as External referee by Kavyatri Bahinabai chaudhary North Maharashtra University, Jalgaon for Ph.D Viva-Voce of Mr. Ravindra M. Patil in March 2020.

Workshops, Seminars, Conferences attended

1. One day workshop organized by Board of studies in chemistry at D. G. Ruparel College on 8th August 1999.
2. One day workshop on ‘ Teaching of new F. Y. B. Sc. Syllabus in Organic Chemistry, organized by Board of studies in chemistry at D. G. Ruparel college on 29th July 2002.

3. One day workshop on ' Microscale Techniques used in Organic Chemistry, organized by Board of studies in chemistry at Vivekananda Education society's college, on 4th and 5th July 2003.
4. National symposium on 'NMR Spectroscopy: Basics, Applications & Trends', sponsored by UGC organized by Institute of Science on 21st, 22nd Feb 2005.
5. National symposium on ' Supramolecular Chemistry', sponsored by UGC organized by Institute of Science on 25th, 26th Feb 2005.
6. One day workshop for post graduate teachers in Inorganic Chemistry on M. Sc.II revised syllabus at Mithibai College, Vile Parle (W). Mumbai 56 on 9th Aug 2006.
7. One day workshop for post graduate teachers in Inorganic Chemistry on M. Sc.II revised syllabus at S I E S. College, Sion (W). Mumbai 22 on 19th Aug 2006.
8. International Conference on, ' Emerging trends in Chemical Sciences', held at Department of Chemistry, University of Mumbai on 23rd to 25th Jan 2007.
9. 19th Research scholar Meet -2007 organised by Indian Chemical society at Thakur College of Science, Kandivali. On 23rd, 24th Feb 2007.
10. UGC SAP National seminar on, ' Synthesis of New Materials for Industrial Applications organized by Shivaji University on 1st, 2nd Feb 2008.
11. One day workshop on ' Revised F. Y. B. Sc. Syllabus in Inorganic Chemistry, organized by Board of studies in chemistry at K. V. Pendharkar college, Dombivali on 9th July 2008.
12. 45th Annual Convention of Chemists 2008 of Indian Chemical Society held at P.G.Department of Studies in Chemistry, Karnataka.University, Darwad, Karnataka and Indian Chemical Society, during November 23-27 Nov, 2008
13. International Conference On NANOMATERIALS &APPLICATIONS(ICNAMA2008) organized Department of Chemistry and Department of Physics, SHIVAJI UNIVERSITY, Kolhapur (Maharashtra State, India). At December 9-11, 2008.
14. 29 National Conference of Indian Council of Chemistry held at Department of Chemistry, University, Haridwar and Indian Chemical Society, during December 26-28, 2008
15. UGC SAP National Conference on, ' Chemistry of Materials organized by Department of Chemistry, University of Mumbai, on 20th, 21st Feb 2009.
16. 28th Annual Conference of Indian Council of Chemist held at Hemachandacharya North Gujrath University, Patan on 7th to 10th Nov 2009.
17. 46th Annual convention of chemist & International Conference on 'Recent Trends in Chemical Sciences', organized by Indian Chemical Society, VIT University, Vellore, Tamil Nadu on 2nd to 6th Dec 2009.
18. UGC sponsored State level conference on 'Recent Advances in Chemistry' organized by Sonopant Dandekar College, Palghar, Thane on 19th, 20th Feb 2010.
19. One day workshop on ' Significance of Research for Teachers in changing Era', organized by Ismail Yusuf College, Jogeshwari on 1st April 2010.
20. One day workshop on 'Revised T. Y. B. Sc. Syllabus in organic Chemistry, organized by Board of studies in chemistry at L. S. Patkar college, Goregaon on 19th June 2010.
21. National conference on environmental pollution and monitoring held at change Kana Thakur, New Panvel at September 17-18, 2010.
22. National Symposium on 'Modern Research Trends and Applications in Life Sciences organized by Elphiston College on 7th Jan 2012
23. National Conference on 'Towards Excellence in Science' organized by Institute of Science, Mumbai, on 19th, 20th Jan 2012.
24. National Symposium on 'Emerging Trends in Life and material science: Mission mankind sponsored by UGC organized by V. G. Vaze College, Mulund on 25th Jan 2012.
25. National Conference on ' Advanced Materials in Industries' organized by Ismail Yusuf College, Jogeshwari, on 1th, 11th Feb 2012
26. National Conference 2012 on ' Latest Technologies and their Applications in Forensic Science and Digital Forensics' organized by Institute of Forensic Science, Mumbai, on 6th, 7th March 2012.

27. One day workshop for post graduate teachers in organic Chemistry on M. Sc.I sem I and II revised syllabus, organized by Board of studies in chemistry at S I E S. College, Sion (W). Mumbai 22 on 3rd July 2012.
28. One day workshop for post graduate teachers in organic Chemistry on M. Sc.II sem III and IV revised syllabus, organized by Board of studies in chemistry at V. G. Vaze College, Mulund (E). 20th March 2013.
29. National level workshop on ‘ Tools and Analytical Techniques in Life Sciences’ organized by Elphinston college in collaboration with micro sat Biolab on 22nd April to 28th April 2013.
30. One day symposium on ‘ Ion Chromatography: Principles, Developments and Applications ‘ organized by Chromatographic society of India at Chemistry Department I. I. T. Bombay on 29th June 2013
31. UGC sponsored National seminar on “Green Chemistry: A Route to Sustainable Development” organized by M. D. College, Parel, Mumbai-12 on 3rd December 2013.
32. International conference – Chemistry Cutting Edge: Nano, Green and beyond organized by St. Xaviers college(Autonomous), Mumbai. held on 6th and 7th January, 2014
33. National conference – Frontiers in the field of Science, Technology and Sustainability organized by Elphinstone College, Mumbai. held on 14th and 15th February 2014.
34. Short Term Course on “ Contemporary Strategies for Teaching and Evaluation” conducted by UGC Academic Staff College, Mumbai. during 14 March to 21 March, 2014.
35. International conference on emerging Trends and Challenges in Science and Technology organized by Bionanofrontier and International society of science and technology in association with Sinsil international Ltd , A. D. Instruments, Society for Development of new life sciences, Experts farm Ltd. At The Montien Bankok Hotel, 54 Surawongse road, Bangkok, Thailand.on 03-05 November, 2014.
36. Short Term Course on “Mentoring students for their Progression” conducted by UGC Academic Staff College, Mumbai. during 15 December to 20 December,2015.
37. One day National level Workshop on “ HPTLC and Hyphenated HPTLC Technique HPTLC MS” held on 14th August 2015, organized by the Department of Botany, The Institute of Science, Mumbai in collaboration with ANCHROME India.
38. International conference on science, engineering and technology , ICSET-2015 with a theme recent Trends in Science, Management, Engineering and Technology organized by Jagadambha college of Engineering and technology, Yavatmal in collaboration with Birla Institute of Technology, Offshore Campus- Ras al Khaimah, UAE on 21-23 November, 2015.
39. UGC- SAP sponsored International conference on New Horizons in Synthetic and Material Chemistry (ICSMC-2015) organized by Department of Chemistry, University of Mumbai, Vidyanagari, Santacruz (East)Mumbai400098, India. On 26-28 November, 2015.
40. Worked as Organic Chemistry practical examiner for M.Sc II at Shivaji University, Department of Chemistry, Kolhapur in March 2016.
41. Invited as Subject Expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Assistant professor stage 3 to associate Professor stage 4 on Tuesday 18th November 2016 at Siddharth College of Arts, Science and Commerce, Mumbai
42. Worked as Organic Chemistry examiner and paper setter for M.Sc I and II at Jaipur National University,Jaipur in Dec 2016.

43. One day workshop on,"Radiochemistry and Applications of Radioisotopes,"conducted jointly by Department of Atomic energy(DAE), Board of Research in Nuclear Sciences (BRNS), Indian Association of Nuclear Chemists and Allied Scientists(IANCAS) and Department of Chemistry, Maharshi Dayanand College of Arts, Science and Commerce, Parel, Mumbai-12 on August 20,2016.
44. Worked as subject expert in Chemistry by Peoples Education Society as nominee on the selection committee for Career Advancement Committee(CAS) for promotion at Siddharth college, Fort, Mumbai on 18/11/2016
45. Completed STP: Refresher Training programme for Class-I Officers of Higher and Technical Education Department from 16/01/2017 to20/01/2017 at Yashvantrao Chavan Academy of Development Administration (Yashada), Pune.
46. Worked as National and International advisory committee member for, " International Awards Ceremony and Global Science Congress" on Emerging Trends in Basic and Applied Sciences (ETBAS-2017) at May 17th -20th, 2017 at Kathmandu, Nepal in association with soil and water conservation society,(SOWCOS), Kathmandu, Nepal.
47. Worked as National and International advisory committee member for, 3rd International Conference on Science and Technology for Society, ICSTS-2017, "Conservation of Non- Conventional Energy Sources Through Advanced Technology and its Socio-economic Approaches for Sustainable Development" on May 22, 23 and 24, 2017 at Singapore.
48. Attended the workshop on the Revised Syllabus of M.Sc (CBGS Semester I and II) organized by Department of chemistry K.C. College in collaboration with The Board of Studies in Chemistry, University of Mumbai on October 3, 2017.
49. Attended State level one day workshop on, " Current Amendments in Academic Performance Indicator (API) for College teachers & Developing E-content," organized by Elphinston College, Mumbai on 29th November 2017.
50. Worked as Organic Chemistry examiner and paper setter for M.Sc I and II at Jaipur National University,Jaipur in May 2017, Dec 2017.
51. Worked as Organizing Committee Member for National Seminar on Recent Trends in Science and technology for Sustainable Developments 2018 [RTSTSD-2018] on 22nd and 23rd March,2018 at The Institute of Science, Mumbai.
52. Attended National Seminar on Recent Trends in Science and technology for Sustainable Developments 2018 [RTSTSD-2018] on 22nd and 23rd March,2018 at The Institute of Science, -Mumbai.
53. Attended National Seminar on National Conference on Current Trends and Future Prospects in Fungal Biotechnology on 8th and 9th February, 2019 at Department of Botany, The Institute of Science,Mumbai.
54. Worked as Organizing Secretary for National Seminar on Recent Trends in Chemistry on 14th and 15th February, 2019 at Department of Chemistry, The Institute of Science, Mumbai.
55. Worked as Organizing Committee Member for National Seminar on Recent Trends in Science on 27th and 28th February, 2019 at The Institute of Science, Mumbai.
56. Invited to chair oral session at International Interdisciplinary Conference , J.S.M. College, Alibag-Raigad on 8th and 9th March 2019.

57. Invited as Subject Expert in the subject of chemistry by the University of Mumbai as VC nominee on the selection committee for Career Advancement Committee(CAS) for selection cum evaluation for the Assistant professor stage 3 to associate Professor stage 4 on Tuesday 27th august 2019 at Siddharth College of Arts, Science and Commerce, Mumbai.

