

Biodata



Name of the Teachers- Prof. Mrs. Rekha Avinash Nalawade

M.Sc. B. Ed. SET

Name of College – Lal Bahadur Shastri College of Arts, Science and commerce,
Satara.415002.

Department – Department of Chemistry

Designation – Assistant Professor

Sanstha: “ Shri Swami Vivekanand Shikshan Sanstha” ,Kolhapur.

Date of Birth- 23/8/1972

Residential address: “”Shivalaya” Plot no 24/25 Gulmohar Society, Sadar Bazar,
Satara. Maharashtra. 415001.

Email: ranalawade12@gmail.com

Cell. : 091- 9890688525

Area of Specialization : Inorganic Chemistry

Teaching Experience: 18 Years.UG.

: 11 years PG

Academic Qualification -

Exam passed	Board/ University	Subject	Year	Percentage	Division/Grade
High School (S.S.C.)	Pune	SocialSci, Sci, Maths	1988	85.85	Dist.
Higher Secondary (H.S.C.)	Pune	Physics, Chemistry, Biology	1990	76.33	Dist.
Bachelor's Degree (B.Sc.)	Shivaji Uni.	Chemistry	1993	75.6	Dist.
Master's Degree (M.Sc.)	Shivaji Uni.	Inorganic Chemistry	1995	60.00	First Class
B.Ed.	Shivaji Uni.	Phy. Sci, Chem. Sci.	1996	68.8	First Class
SET		Chemistry	2000	-	--
Ph.D. (Thesis submitted)	Shivaji Uni.	Solvent Extraction	2012	-	

Teaching Experience -

Sr. No.	Designation	Duration	Total Service	Name of College
1	Lecturer in Chemistry	07/07/1999 to 14/10/1999	3 month & 7 days	Ramkrishna Paramhansa Mahavidyalaya, Osmanabad
2	Lecturer in Chemistry	15/10/1999 to 05/09/2001	1 years , 10 month & 20 days	S. G. K. College, Lonikalbhor
3	Lecturer in Chemistry	06/09/2001 to 01/09/2008	7 years , 11 month & 25 days	R. P. College, Osmanabad
4	Assistant Prof. in Chemistry	02/09/2008 to 22/09/2013	5 Years	P.D.V.P. College, Tasgaon
5.	Assistant Prof. in	23/09/2013 onwards	4 years	L.B.S.College ,Satara

	Chemistry			
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Details of Orientation & Refresher Courses

Sr. No	Name of Course	Place	Organized by	Year	Period
1	Orientation Course	Aurangabad	UGC academic Staff College, Dr. B. A. M. University, Aurangabad	2003-04	05/05/2004 to 31/05/2005
2	Refresher Course	Aurangabad	UGC academic Staff College, Dr. B. A. M. University, Aurangabad	2005-06	03/09/2005 to 23/09/2005
3	Refresher Course	Mumbai	UGC academic Staff College, University of Mumbai, Mumbai	2012-13	01/10/2012 to 20/10/2012
4	Refresher Course	Kolhapur	Dept. of Chemistry, Shjvaji University, Kolhapur	2013-14	11/11/2013 To 01/12/2013

Research Activity

1. Ph. D. (Submitted)

Title of Thesis: **Extraction and Photometric determination of IB an IIB metal ions with thiocarbohydrazone ligands**

2. Research Area: Solvent extraction, Organic Synthesis, Co-ordination Chemistry.

3. Research Project : 2 completed

4. Research Papers Published :

5.	Paper published in International Conference Proceedings	1
6.	Paper published in National Conference Proceedings	2
7.	Research Papers Presented / Abstracted in Conferences :	
	International Conferences	04
	National Conferences	24

Books Written

1. A Hand Book of Practical Chemistry for B. Sc. I

Seminars, Workshops, Conferences attended

- 1] National Workshop on Recent Techniques in Instrumental Methods of Chemical analysis, March 17-18, 2002 at Shivaji Mahavidyalaya, Omerga
- 2] Attended a National Seminar on Recent Advances in Nanoscience, at Ramkrishna Paramhansa Mahavidyalaya, Osmanabad, February 23-24, 2008
- 3] National seminar on “Impacts of Wetlands on Agricultural and Fisheries Activity” , at Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon on 17th – 18th Dec. 2009
- 4] Attended a State level seminar on “Scope and applications of Chemistry in Crime Investigation” held at A. S. C. College, Palus, on 8th and 9th Dec. 2009.
- 5] Attended a State level seminar on “Frontiers of Research in Green Chemistry” held at A. S. C. College, Ramanandnagar on 25th January 2011.
- 6] Attended a “One day Seminar on Spectroscopic Technique in Chemical Analysis” held at Dept. of Chemistry , P.D. V. P. College, Tasgaon on 10th Jan.2011
- 7] Attended a “One day Seminar on Project Formulation” held at Dept. of Chemistry, P.D. V. P. College, Tasgaon on 20th August 2011.

- 8] Attended a Workshop on Revised Syllabus of B.Sc. II held at Vivekanand College, Kolhapur on 10th August 2011.
- 9] Attended National seminar on Recent Advances in Synthetic Chemistry and Nanomaterials held at Shivaji University , Kolhapur on 21st and 22nd Jan. 2012
- 10] Attended one day workshop on “Spectroscopic techniques in Chemical Analysis” at P. D. V. P. College, Tasgaon, on 25th Sep. 2012.
- 11] Attended a national seminar on ‘Quality of Higher Education and Kakodkar Report’ organized by Shivaji University Teachers Association (SUTA), Kolhapur, 2nd Sept. 2012
- 12] Attended one day workshop on “Development of soft skill among the students” at P. D. V. P. College, Tasgaon, on 25th Sep. 2012.
- 13] Worked as a chairperson for one day workshop on “Physical and Mental Health of College Girls” at P. D. V. P. College, Tasgaon, on 17th Jan. 2013.
- 14] Attended a National Seminar on “Current Research in Chemical Sciences” (CRCS-2013) on 22nd- 23rd Jan. 2013 held at Shivaji University, Kolhapur.
- 15] Attended a national seminar on ‘Proposed Maharashtra universities Act and Quality of Education’ organized by Shivaji University Teachers Association (SUTA), on 17th Feb. 2013 at Y. C. Institute of Science , Satara, 17th Feb. 2013.
- 16] Attended a Workshop on Revised Syllabus of B.Sc.I held at Y. C. Institute of Science , Satara on 14th August 2013.
- 17] Attended national conference on “emerging Trends and Techniques in Chemistry ” at Y. C. Institute of Science , Satara on 10-12 Oct 2013.

- 33] Attended a International conference on “Emerging Horizons in Biochemical Sciences and Nanomaterials(EHBCSN-2013)” at Shri. Shivaji Mahavidyalaya, Barshi on 28-30 Nov 2013.
- 18] Attended a national seminar on ‘Recent Advances in Organometallic Chemistry ’ organized by Rajarshi Chhatrapati Shahu College, Kolhapur 20-21 Dec 2013.
- 19] Attended a national conference on ‘Proposed Maharashtra universities Act and Quality of Education’ organized by Shivaji University Teachers Association (SUTA), on 17th Feb. 2013 at Y. C. Institute of Science , Satara, 17th Feb. 2013.
- 20] Attended a international conference on ‘Innovations in Energy, polymer and Environmental Sciences’, on 10-12 Jan. 2014 at Y. C. Institute of Science , Satara,
- 21] Attended a National Symposium on “Current Trends in Chemical and Nano Sciences” (CTCNS-2014) on 17-18th Jan. 2014 held at Shivaji University, Kolhapur.
- 22] Attended a Workshop on Revised Syllabus of B.Sc.II held at Y. C. Institute of Science , Satara on 13th August 2014.
- 23] Attended a national conference on ‘Environmental Biotechnology, on 29-30 Dec. 2014 at Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.
- 24] Attended a national conference on ‘Recent Trends in physics’, on 11-12 Oct. 2014 at Y. C. Institute of Science , Satara.
- 25] Attended a national conference on “Frontiers in Chemical and Material Sciences” on 16-17th Jan. 2015 held at Shivaji University, Kolhapur.
- 26] Attended a International conference on “Science and Technology for Society” at Colombo, Srilanka arranged by Vishwashanti Multipurpose Society, Nagpur and at

Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.

on 19-21 May 2015.

- 27] Attended a national conference on 'New Horizons in Chemical Sciences', on 22-23 Dec. 2015 at Y. C. Institute of Science , Satara.
- 28] Attended National seminar on 'Application of Chemical and material Science for sustainable Development' on 20 Feb 2016 at Shivaji University, Kolhapur.
- 29] Attended a national seminar on 'Scopes and opportunities for skill based Courses in industries', on 6th may 2016 at Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.
- 30] Attended a national conference on 'Environmental Problems and Biodiversity', on 24-25 Jan. 2017 at Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.
- 31] Attended National conference on Frontier Areas in Chemical Sciences, Yashwantrao Chavan Institute of Science, Satara 27,28 Jan 2017.
- 32] Attended a national conference on 'Recent Trends in Physical, Chemical and Nano Sciences, on 29-30 Jan. 2017 at Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.
- 33] Attended National conference on 'Innovative Research in Chemical Sciences' at Shivaji University Kolhapur on 1,2 Feb 2017
- 34] Attended a national seminar on 'Industrial Interactions and placements', on 19 April. 2017 at Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.
- 35] Attended a ' Digital Literacy Workshop' on 10th Aug. 2017 at Lal Bahadur Shastri College of Arts, Science and commerce College , Satara.

Refresher / Orientation Course

1. Completed Orientation Course in Chemistry from 5th May to 31st May, 2004 at Dr B. A. M. University, Aurangabad
2. Completed Refresher Course in Chemistry from 3rd Sept. to 23th Sept 2005 at Dr B. A. M. University, Aurangabad.
3. Completed Refresher Course in Chemistry from 1st Oct. to 20th Oct. 2012 at University of Mumbai.
4. Completed Refresher course in Chemistry from 11th Nov. 2013 to 1st Dec. 2013 at Shivaji University, Kolhapur

Books Written

2. 1. A Hand Book of Practical Chemistry for B. Sc. I

Research Project Completed-

Project Name	Name	Amount	Funding Agency	Duration	Status
Extraction & Photometric Determination of Some Toxic Transition Metals with Thiocarbohydrazone Derivatives	Principal investigator	1,65,000/-	UGC, New Delhi	Two years	Completed

Physiochemical and biological activity studies on Schiff base metal complexes	Co-investigator	1,05,000/-	UGC, New Delhi	Two years	Completed
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Papers published in International Journals

1] International Journal of Engineering Science Invention ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org Volume 2 Issue 7 | July. 2013 | PP.01-04

Thiazole Containing Schiff's Bases and Their Transition Metal Complexes

Dr. A.M. Nalawade , Mrs. R.A. Nalawade , Mr. S.M. Patange, Miss. D.R. Tase

2] Physicochemical and biological studies on 4-(*o,p*-dichlorophenyl)- 2-aminothiazole

R. A. Nalawade, S. M. Patange, S. V. Rajmane, P. G. More and A. M., Nalawade

Published in International J. of Pharmaceutical Science Invention, ISSN-2319-670X, vol-3, issue 9, Sept 2014, page no-55-59

3] Analysis of physico-chemical parameters of water in various villages in tasgaon tahsil, district. maharashtra- india

R.A. Nalawade, A.M. Nalawade , C.P. Mane , D.V. Rupnawar , M.K. Sakate , B.S. Londhe , R.V. Shejwal , M.A. Anuse , April 2015 Bionanofrontier, ISSN-0974-0678 vol-8, issue3, 119-121.

4] Microwave assisted synthesis, structure and spectral characterization of (E)-N'-(2-hydroxybenzylidene) hydrazinecarbothiohydrazide under solvent and catalyst free conditions

R.A. Nalawade , A.M. Nalawade , B.S. Londhe , N.L. Tarwal, R.V. Shejwal , M.A. Anuse , April 2015 Bionanofrontier ISSN-0974-0678, vol-8, issue3, 56-59.

5] Microwave assisted synthesis, structure, spectral characterization and biological studies of (e)-n'-(4- fluoro benzylidene)hydrazinecarbothiohydrazide

A.M. Nalawade, R.A. Nalawade, B.S. Londhe, N. L. Tarwal, R.V. Shejwal .

Published in International J. of Researches in Biosciences, Biosciences, Agriculture and technology ISSN-2347-517X, Issue-1, May -2015

page No-95-97

6] Microwave assisted synthesis, structure, spectral characterization and biological studies of (E)-N'-(4methylbenzylidene)hydrazinecarbothiohydrazide

R.A. Nalawade , A.M. Nalawade , C.P. Mane , D.V. Rupnawar, M.K. Sakate, , B.S. Londhe, R.V. Shejwal , M.A. Anuse

Published in International J. of Researches in Biosciences, Agriculture and technology ISSN-2347-517X, Issue-1, May -2015,page No-139-141

7] Divalent cadmium recovery by liquid- liquid extraction with 2-octylaminopyridine from acidic bromide media and it's separation from other toxic metal ions

C.P. Mane , M.K. Sakate , D.V. Rupnawar , R.A. Nalawade, A.M. Nalawade, R.V. Shejwal , M.A. Anuse, Published in International J. of Researches in Biosciences, Agriculture and technology ISSN-2347-517X, Issue-1, May -2015,page No-68-71

8] Microwave Assisted Synthesis, Structure, Spectral Characterization And Biological Studies Of (E)-N'-(4- Chloro -Benzylidene)Hydrazinecarbothiohydrazide

Rekha A. Nalawade , Avinash M. Nalawade , Shivaji V . Rajmane , Rajendra V. Shejwal, Published in International J. of Pharmaceutical Science Invention, ISSN-2319-670X, vol-4, issue 5, May 2015, page no-1-4

9] Rapid, synergistic extractive spectrophotometric determination of copper(II) by using sensitive chromogenic reagent N'',N'''-bis[(E)-(4-fluorophenyl)methylidene]thiocarbonohydrazide

Rekha A. Nalawade, Avinash M. Nalawade, Ganesh S. Kamble, Mansing A. Anuse Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 146 (2015) 297–306

10] Microwave assisted synthesis, structure and spectral characterization of novel Schiff's bases of Thiocarbonohydrazides under solvent and catalyst free conditions

Nalawade R. A., Nalawade A. M., Londhe B. S. and Shejwal R.V.

Research J. of Chemistry and Environment, volume 19(10), Oct 2015, page no 25-28

11] New Analytical Technique For The Determination Of Mercury (II) By Synergistic Extractive Spectrophotometric Method With N'',N'''-Bis[(E)-(4-fluorophenyl)methylidene] Thiocarbonohydrazide, International Journal of Pharmaceutical Science Invention, 6(1) 2017 , 50-62.

12] Synthesis, Characterisation and Biological Activities of Some Aromatic Thiocarbohydrazones, Bioscience Discovery, 8 (2), (2017), 274-279, Nalawade A. M., Nalawade R. A., Shejwal R. V.

13] A (E)-N'-(4-Hydroxybenzylidene) Hydrazine Carbothiohydrazide: Microwave Assisted Synthesis, Spectral and Biological Studies, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 8(3)2017,1333-1337

Avinash Nalawade*, Rekha Nalawade, and Rajendra Shejwal.

14] Synthesis, Structure, Spectral Characterization and Biological Studies of (E)-N'-(4methylbenzylidene) Hydrazinecarbothiohydrazide , International Journal of ChemTech Research, (10) 6, 2017, 553-557

Avinash Nalawade, RekhaNalawade, Balaji Londhe.

15]Physico-chemical parameters of water in various villages in Satara Tahsil, Maharashtra-India, Published in International J. of Researches in Biosciences, Agriculture and technology ISSN-2347-517X, Special Issue(1), April-2017, 41-43

A. M. Nalawade , R. A. Nalawade , D V Rupnavar

16] Physico-chemical analysis of water from Yatwateshwar in Satara District, M. S. India Published in International J. of Researches in Biosciences, Agriculture and technology ISSN-2347-517X, Special Issue(1), April-2017, 102-103

A. M. Nalawade , R. A. Nalawade , D V Rupnavar.

17] Synthesis, Characterization And Biological Studies Of N'',N'''-Bis[(E)-(4-Fluorophenyl) Methylidene] Thiocarbonohydrazide, Published in International Journal of Engineering Science Invention ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 ,Volume 6 (9) September 2017 PP. 46-49

Rekha Nalawade Avinash Nalawade ,Rajendra Shejawal, Mansing Anuse

Paper published in International Conference Proceedings

1] Study of Morphological Change in ZnO Nanoparticles by Capping Agents Using Solgel Method

D. A. Kumbhar , **A. M. Nalawade** , R. A. Nalawade, S. B. Raut.

Proceeding of International conference on Advances in Materials Science at Raje Ramrao Mahavidyalaya, Jat, on 7,8 Dec 2016. ISBN 978-93-5254-490-5, 309-312.

Paper published in National Conference Proceedings

1] Physico-chemical parameters of water in various villages in Tasgaon Tahsil, Maharashtra-India, Proceedings of National conference on Environmental Biotechnology ,29-30 Dec 2014,ISBN 978-81-8498-4126,380-383

R. A. Nalawade ,R V.Shejwal , D V Rupnavar , A. M. Nalawade

2]Physico-chemical analysis of water of Jarandeshwar sacred grove in SataraDistrict, M. S. India, Proceedings of National conference on Environmental Biotechnology ,29-30 Dec 2014,ISBN 978-81-8498-4126,333-335

R. A. Nalawade , D V Rupnavar

Paper presented in International Conference –

1]“Synthesis structure ,Spectral Characterization and Biological Activity of Copper(II) complexes of (E)-N-(4-Fluorobenzylidene)hydrazine carbothiohydrazide” pp-99 in a “International Conference on ‘Emerging Horizons in Biochemical Sciences and Nanomaterials”,at Shivaji College, Barshi on 28-30 Nov -2013.

R.A. Nalawade , A.M. Nalawade ,R. V. Shejwal , M. A. Anuse

2] Physico-chemical Analysis of Surface and Ground water of Tasgaon Tahsil ,International conference on Innovations in Energy, Polymer and Environmental Science on 10-12 Jan. 2014 at Y C I S Satara,R.A. Nalawade , A.M. Nalawade , R. V. Shejwal

3] Electro deposition of compact CZTS films and their solar cell performance, International conference on Functional Materials @ nanoscales: Concerns and Challenges (ICFMNCC-2015),March 9-11,2015 at KBP Pandharpur

R.A. Nalawade , B. S. Londhe

4] Synthesis and optical Characterisation of copper nanoparticles by Electrochemical Method, International conference on Functional Materials @ nanoscales: Concerns and Challenges (ICFMNCC-2015), March 9-11, 2015 at KBP Pandharpur

R.A. Nalawade , A.M. Nalawade , B.S. Londhe

Paper presented in National Conference

1] Presented a paper entitled “Extractive spectrophotometric determination of Cu(II) by using P- Fluorobenzaldehyde thiocarbohydrazone” in National seminar on Recent Advances in Synthetic Chemistry and Nanomaterials held at Shivaji University , Kolhapur on 21st and 22nd Jan. 2012

2] Presented a paper entitled “Extractive spectrophotometric determination of Cu(II) by using P- Iodobenzaldehyde thiocarbohydrazone” in National seminar on recent Advances in Chemical Sciences held at Y C I S, Satara , on 23 and 24 Sep. 2013

3] Synergistic extraction and spectrophotometric determination of copper(II) by using p-chloro benzaldehyde thiocarbohydrazone” in a “National seminar on Current Research in Chemical Sciences.” On 22nd to 23th Jan. 2013 at Department of Chemistry, Shivaji University, Kolhapur

4] Presented a paper entitled “Synthesis of Silver Nanoparticles Using Tulsi Extract Ocimum Sanctum as a Green approach” in a national conference on “Frontiers in Chemical and Biological Sciences” at P. D. V. P. College, Tasgaon, on 23-24th Sept. 2013., R.A. Nalawade , A.M. Nalawade , R. V. Shejwal

5] Presented a paper entitled “Microwave assisted Synthesis of Schiff Bases of Ethylene Diamine” in a National conference on “Emerging Trends and Techniques in Chemistry” on 10-12th Oct. 2013 at Y. C. Institute of Science , Satara

R.A. Nalawade , A.M. Nalawade , R. V. Shejwal

6] Presented a paper entitled “Synthesis, Structure, Spectral Characterization and Biological Activity of complexes of copper(II) with of (E)-N'-(4methylbenzylidene)hydrazine carbothiohydrazide”

“National seminar on recent advances in organometallic chemistry,” at Shahu College, Kolhapur on Dec. 20-21 2013, R.A. Nalawade , A.M. Nalawade

7] Presented a paper entitled “Global Warming :An alarm to Human Race” in a “National Conference on Global Warming” held at M. B. Kadam College, Kadegaon. on 6,7 Feb. 2014. ISBN 978-93-5156-228-3, R.A. Nalawade , A.M. Nalawade , R. V. Shejwal

8] Presented a paper entitled “Synthesis, Structure, Spectral Characterization and Biological Activity of of (E)-N'-(4methylbenzylidene)hydrazinecarbothiohydrazide”

“Recent Trends in Chemical and Nanosciences” at Dept of Chemistry, Shivaji University, Kolhapur. on 17-18 Jan. 2014

R.A. Nalawade , A.M. Nalawade , R. V. Shejwal

9] Presented a paper entitled “Physico-chemical Analysis of Soil from Tasgaon Tahsil” in a “National seminar on Environmental Management and Biodiversity Conservation” on 17th and 18th Jan . 2014 at Abasaheb Garware Arts and new Commerce, Science College, Vikhare Gothane, Rajapur, R.A. Nalawade , A.M. Nalawade

10] Presented a paper entitled “ Synthesis and Characterization of Copper nanoparticles by Electrochemical Method” in a “National Conference on Recent Trends in Physics” , at Dept of Physics , Y.C. I. S. , Satara, on 10-11 October 2014. ISBN 978-81-928732-3-7, R.A. Nalawade , A.M. Nalawade , D. V. Rupnawar, R. V. Shejwal

11] Presented a paper entitled “Synthesis ,structure, spectral characterization and biological activity of complexes of copper(II) with of (E)-N'-(4-bromobenzylidene)hydrazine carbothiohydrazide” in a National conference on “Frontiers in Chemical and Material Sciences” at Dept. of Chemistry , Shivaji University, Kolhapur, on 16-17 January ,2015.

R.A. Nalawade , A.M. Nalawade , R. V. Shejwal

12] Microwave Assisted Synthesis, Structure, Spectral Characterization And Biological Studies Of N',N''-Bis [(E) -(4- Chloro -Phenyl)Methylidene], National seminar on Current Trends in Organic Chemistry Research at Karmaveer Bhaurao Patil College, Pandharpur (NS-CTOCR-2015), 6,7 Feb-2015

R.A. Nalawade , A.M. Nalawade

13] Bottle Guard Juice :Natural and Green catalyst for Knoevenagel Condensation at room temperature, National seminar on Current Trends in Organic Chemistry Research (NS-CTOCR-2015) at Karmaveer Bhaurao Patil College, Pandharpur on 6,7 Feb-2015

R.A. Nalawade

14] Microwave assisted synthesis, structure, spectral characterization and biological studies of (E)-N'-(4-bromo benzylidene)hydrazinecarbothiohydrazide-In National Conference on New Horizons in Chemical Sciences, on 22,23 Dec 2015, Y.C. Satara

A.M. Nalawade ^{a*}, R.A. Nalawade ^a, B.S. Londhe ^b, R. V. Shejwal^a, D. V. Runawar^a

15] Microwave assisted synthesis, structure, spectral characterization and biological studies of (E)-N'-(4-methyl benzylidene)hydrazinecarbothiohydrazide in National seminar on Application of Chemical and material Science for sustainable Development on 20 Feb 2016 at Shivaji University, Kolhapur

A.M. Nalawade , R.A. Nalawade , B.S. Londhe , R. V. Shejwal, M. A. Anuse

16] New analytical technique for the determination of mercury (II) by synergistic extractive spectrophotometric method with new reagent N'',N'''-bis[(E)-(4-fluorophenyl)methylidene]thiocarbonylhydrazide in National seminar on Application of Chemical and material Science for sustainable Development on 20 Feb 2016 at Shivaji University, Kolhapur

Rekha A. Nalawade, Avinash M. Nalawade, Mohan Jamdar, Anita A. Ghare, Ganesh S. Kamble, Mansing A. Anuse

17] Synergistic spectrophotometric determination of silver(I) by using N'',N'''-bis[(E)-(4-fluorophenyl)methylidene] thiocarbonylhydrazide bis-(4-fluoroPM)TCH at National conference on Innovative Research in Chemical Sciences at Shivaji University Kolhapur on 1,2 Feb 2017, R. A. Nalawade , A. M. Nalawade , A.N. Kokare , S.B. Zanje , A.A. Ghare , M.A. Anuse

18] Synthesis, Structure, Spectral Characterization and Biological Activity of Copper(II) Complexes with (E)-N'-(4-Chlorobenzylidene)hydrazine carbothiohydrazide at National conference on Innovative Research in Chemical Sciences at Shivaji University Kolhapur on 1,2 Feb 2017

A. M. Nalawade , R. A. Nalawade , M.A. Anuse

19] Schiff's Bases and their Transition Metal Complexes of 2-aminothiazole at national conference on Recent Trends in Physical, Chemical and Nano Science NCRT-PC-Nano-2017 on 23 Jan 2017 at Lal Bahadur Shastri College of Arts , Science and Commerce, Satara, Maharashtra, India.

A.M. Nalawade , Mrs. R.A. Nalawade , Mr. S.M. Patange

20] Physicochemical characterization And Biological Studies Of (E)-N'-(4- Chloro Benzylidene)Hydrazinecarbothiohydrazide at national conference on Recent Trends in Physical, Chemical and Nano Science NCRT-PC-Nano-2017 on 23 Jan 2017 at

Lal Bahadur Shastri College of Arts , Science and Commerce, Satara, Maharashtra, India

Rekha A. Nalawade , Avinash M. Nalawade

21] Synthesis, Structure, Spectral Characterization and Biological Activity of mercury(II) Complexes with (E)-N'-(4- Chlorobenzylidene)hydrazine carbothiohydrazide "

national conference on Recent Trends in Physical, Chemical and Nano Science NCRT-PC-Nano-2017 on 23 Jan 2017 at Lal Bahadur Shastri College of Arts , Science and Commerce, Satara, Maharashtra, India.

Avinash M. Nalawade, Rekha. A. Nalawade, Chandrashekhar P. Mane, Dadasaheb V. Rupnawar , Sandip M. Patange , Rajendra V. Shejwal .

22] Green Synthesis and Characterisation of ZnO nanoarticals using lemon juice extract, national conference on Recent Trends in Physical, Chemical and Nano Science NCRT-PC-Nano-2017 on 23 Jan 2017 at Lal Bahadur Shastri College of Arts , Science and Commerce, Satara, Maharashtra, India.

Rekha A. Nalawade , Avinash M. Nalawade

23] Extractive, synergistic, fast, spectrophotometric determination of copper(II) by using N'',N'''-bis[(E)-(4-fluorophenyl)methylidene] thiocarbonohydrazide bis-(4-fluoroPM)TCH at National conference on Frontier Areas in Chemical Sciences, Yashwantrao Chavan Institute of Science, Satara 27,28 Jan 2017.

R. A. Nalawade , A. M. Nalawade , M.A. Anuse

24] Microwave assisted synthesis, structure, spectral characterization and biological studies of (E)-n'-(4- chloro benzylidene)hydrazinecarbothiohydrazide, National conference on Frontier Areas in Chemical Sciences, Yashwantrao Chavan Institute of Science, Satara 27,28 Jan 2017.

R. A. Nalawade , A. M. Nalawade