

Curriculum Vitae

I. PERSONAL INFORMATION:

1. Name in Full: **Dr. Kokare Balasaheb Nivrutti**
2. Address: Office: Smt.Meelanben Mehta College, Panchgani.
Tal: Mahabaleshwar Dist- Satara 416. (MAH)
Resi: Smt.Meelanben Mehta College, Panchgani.
Tal: Mahabaleshwar Dist- Satara 416. (MAH)
3. Phone: Office: 02168-240677
Resi: 9423255517
4. Email Id: bnkokare@rediffmail.com
5. Present Designation: Associate Professor & Head
6. Mode Appointment: Permanent/ Temporary: Permanent
7. Subject/Department: Department of Chemistry
8. Area of Specialization: Inorganic Chemistry, Analytical Chemistry
9. Date of Birth: 01-06-1967
10. Religion & Caste: Hindu Dhangar
11. Nationality: Indian
12. Sex: Male
13. Marital Status: Married
14. Mother Tongue: Marathi
15. Languages Known: Marathi, English and Hindi



II. EDUCATIONAL QUALIFICATIONS:

Sr. No	Exam Passed	Board/ University	Subjects	Marks	Class/Grade	Year of Passing

1.	Ph. D.	Shivaji University, Kolhapur	'Liquid-liquid extraction'		-	April 2010
2.	M. Sc.	-do-	Chemistry	64.64 %	First	1991
3.	B.Sc.	-do-	Chemistry	62.91 %	First	1989
4.	H.S.C.	Pune	PCB	59.33 %	Second	1986
5.	S.S.C.	Pune	All	56.28 %	Second	1984
6.	MS-CIT	Pune		79.00 %	Distinction	2003

III. TEACHING EXPERIENCE: A. UNDER-GRADUATE:

Period	College	Years	Total Years
14/08/1991 To 19/09/2016	Raje Ramrao College, Jath	25	25
20/09/2016 To Onwards	Smt. Meenalben Mehta College, Panchgani.	02 Months	

B. POST-GRADUATE LEVEL:

Period	College	Years	Total Years
-	-	-	-

IV. AWARDS RECEIVED:

V. EXPERIENCE AS A RESEARCH GUIDE: 05 Years

A. Ph. D.s Awarded: Nil

B. M. Phil. Awarded: --Nil-

C. Ph. D.s in Progress: ---03

D. M. Phil.s in Progress: ---01

VI. RESEARCH PAPERS:

Published:

1. "Solvent extraction of lanthanum(III) by *N-n*-octylaniline from salicylate media" **B. N. Kokare**, S. H. Han, M. A. Anuse. Taylor & Francis (Desalination and water treatment) Vol. 12 (2009) 79-86.ISSN-1944-3994 **Impact Factor – 1.173**

2. "Liquid-liquid extraction of cerium(IV) from salicylate media using *N-n*-octylaniline in xylene as an extractant" 55 No 4 (2010) 283-287. **B. N. Kokare**, A. M. Mandhare, M. A. Anuse, J. Chil. Chem. Soc. ISSN-0717-9709 Impact Factor- 0.448
3. "N-*n*-octylaniline as a new reagent for analytical liquid-liquid extraction of yttrium(III) from matrices of various metal ions" **B. N. Kokare**, A. M. Mandhare, S. S. Kolekar, M. A. Anuse. Macedonia Journal of Chemistry and Chemical Engineering Vol. 30, No. 2,(2011) 151–162. ISSN-1857-5552 Impact Factor- 1.079
4. Rapid and Sensitive Synergistic Extraction and Spectrophotometric Determination of Silver(I) using 1-(20,40-Dinitro aminophenyl)-4,4,6-trimethyl-1,4-dihydropyrimidine-2-thiol: Analysis of Real Samples. **B. N. Kokare**, G. S. Kamble, A. P. Gaikwad, S. S. Kolekar, S. H. Han, M. A. Anuse. Acs Publication Industrial Engineering Chemical Research Vol 50 (19) 2011 P-11270-11279. ISSN-0888-5885 Impact Factor- 2.237
5. "Development of Reliable Analytical Method for Liquid Anion-Exchange Extraction and Separation of Neodymium (III)"**B. N. Kokare**, G. S. Kamble, B. M. Sargar, M. A. Anuse. The Scientific World Journal Vol 2012 (2012) P-7.ISSN-2394-1537601 Impact Factor- 0.547
6. Synthesis and characterization of dysprosium doped Co-Zn Ferrite for their catalytic performance **B. N. Kokare**, S. R. Kulal, K. K. Rangar, A. B. Gurav, V. M. Gurame (NCRTCNS) ISBN- 93-5126-36-8, PP 85-88.2013 (ISBN-978-93-5126-367-8).
7. Development of a solvent extraction system with 4-heptylaminopyridine for the selective separation of palladium (II) from synthetic mixtures, catalysts and water samples. Taylor & Francis (Desalination and water treatment) B. T. Koghare, M.A. Anuse, P. B. Piste, **B. N. Kokare**, PP 1-11 (2015). Impact Factor – 1.173
8. Development of a solvent extraction system with 4-heptylaminopyridine for the selective separation of platinum (II) from catalysts, anticancer injections and water samples. Royal Society of chemistry (Analytical Methods), B. T. Koghare, M.A. Anuse, P. B. Piste, **B. N. Kokare**, Vol. 8, PP 2156-2163 (2016).
9. Development of novel solvent extraction method for determination of gold(III) Using 4-heptylaminopyridine. Application to alloys and environmental analysis. Journal of

Environmental Chemical Engineering (ELSEVIER), B. T. Khogare, G. S. Kamble, A. N. Kokare, S. B. Zanje, V. J. Suryavanshi, M.A. Anuse, P. B. Piste, **B. N. Kokare**.

2. Presented:

1. Liquid-liquid extraction of bismuth (III) from succinate media using 2-octylaminopyridine as an extractant. **“Royal Society of Chemistry, West India Section, Students symposium, 25th – 26th November, 2005”**. National Chemical Laboratory, Pune.
2. National Conference on, **“Recent trends in Chemistry for Rural Development” 3 & 4 May, 2006**. organized by S. P. Mandal’s Dalit Mitra Kadam Guruji Science College, Mangalwedha, Dist. Solapur.
3. Liquid-liquid extraction of yttrium(III) with N-n-octylaniline as an extractant from salicylate media, **“Campaign on University Research and Training (COURT-2006)”**, Shivaji University, Kolhapur, 6th and 7th October, 2006.
4. Rapid liquid-liquid extraction of thallium(III) with 2-octylaminopyridine as an extractant from succinate media. International Conference on **“Emerging Trends in Chemical Sciences (ICETCS) 2007”**, 23rd to 25th January 2007, University of Mumbai, Mumbai.
5. Analytical separation of yttrium (III) with N-n-octylaniline, UGC-SAP National Seminar on, **“Synthesis of New Materials for Industrial applications”** February 1st & 2nd 2008. Organized by Department of Chemistry, Shivaji University, Kolhapur.
6. Solvent extraction of Lanthanum(III) by N-n-octylaniline from salicylate media **“DAE – BRNS Biennial Symposium on “Emerging Trends in Separation Science and Technology” March 12-14 , 2008”**. Organized by Department of Chemistry, University of Delhi , Delhi – 110007.
7. Liquid liquid extraction of Hg(II) by 2-octylaminopyridine from succinic media International Conference on **“Nanomaterials and Applications-2008”**. Jointly organized by Department of Chemistry and Department of Physics, Shivaji University, Kolhapur, during 9-11 December 2008.
8. Separation of gadolinium(III) succinate by solvent extraction using high molecular weight amine a national seminar on **“Advanced Synthetic Methodologies and**

Functional Materials-2009” (ASMFM-2009) held on 23rd & 24th December, 2009 at the Department of Chemistry, Shivaji University Kolhapur.

9. Rapid synergistic extractive spectrophotometric determination of Silver (I) using 1-(2',4'-dinitroaminophenyl)-4,4,6-trimethyl-1,4-dihydropyrimidine-2-thiol: Analysis of Ayurvedic, thin film, photographic washing and waste water sample. “**Advances in Synthetic Methodologies and New Materials**” organized by UGC-SAP & DST-FIST sponsored by Department of Chemistry, Shivaji University, Kolhapur during 21st & 22nd January 2011
10. Participated in the 4th Orientation course for programme officers of the **National Service Scheme** held from 8th Aug to 13th Aug 2011 at the **NSS Empanelled Training Institute Ahmednagar College Ahmednagar**.
11. Synergistic extraction and spectrophotometric determination of nickel(II) by using 1-(2',4'-dinitroaminophenyl)-4,4,6-trimethyl-1,4-dihydropyrimidine-2-thiol and pyridine **National seminar on Recent Advances in Synthetic Chemistry and Nanomaterials** organized by Department of Chemistry, Shivaji University, Kolhapur during 21st & 22nd January 2012.
12. Separation of Gadolinium Succinate by solvent extraction using high molecular weight amine **National seminar on Chemistry and Its Role in Human Development** organized by Bharati Vidyapeeths Dr. Patangrao Kadam Mahavidyalaya Sangli.(MS) held on 26th March 2012.
13. Synergistic extraction and spectrophotometric determination of nickel(II) by using 1-(2',4'-dinitroaminophenyl)-4,4,6-trimethyl-1,4-dihydropyrimidine-2-thiol and pyridine **National Conference on Current Research in Chemical Sciences (CRCS-2013)** Organized by Department of Chemistry, Shivaji University, Kolhapur during January 22nd & 23rd, 2013.
14. Spray deposited CeO₂ –TiO₂ counter electrode for electro chromic devices **National Conference on Frontiers in Chemical and Biological Sciences** held by Padmabhushan Dr.Vasantaodada Patil Mahavidyalaya, Tasgaon, Dist.: Sangli on 23-24 September, 2013.

- 15 Liquid-Anion exchange extraction and separation of palladium (II) by using 4-heptylamino pyridine **National Conference on Frontiers in Chemical and material Sciences (FCMS) held by Department of Chemistry, Shivaji University, Kolhapur** during 16th & 17th January 2015.
- 16 Organised one day workshop on ‘Devotion of Representatives in Rural Development’ under lead college activity in Raje Ramrao Mahavidyalaya, Jath on 12th September, 2015.
- 17 Organised one day workshop on ‘Institutional Evaluation through Individual Evaluation’ under lead college activity in Raje Ramrao Mahavidyalaya, Jath on 29th January, 2016.

VII. CONTRIBUTION AS A WRITER: Textbooks/ Translation/ other Books, etc.: Nil

VIII. SEMINARS/ WORKSHOPS, Etc. ATTENDED:

1. International:

- 1 Attended the International Conference on “Emerging Trends in Chemistry” organized by Department of Chemistry, University of Pune during 5-7 Jan. 2010.

2 National: 01

3 State Level:

- 1 Attended State Level Seminar on “Frontiers of Research in Green Chemistry” organized by Ramanandnagar College, Ramanandnagar on 25th January 2011

4. University/ District Level:

- 1 Participated in the Seminar on “Education in Universal Human Values” Jointly organized by Shivaji University, Kolhapur, Bhai Academy, Pachgani and Atpadi College, Atpadi. Dist- Sangli on 28th December 2008.
- 2 Participated in one-day workshop on “Preparing for Competitive Examinations and Personality Development” organized by Raje Ramrao College, Jath. Dist - Sangli on 27th September, 2009.
- 3 Participated in one-day workshop on “Skill of Speech and Personality Development” organized by Raje Ramrao College, Jath. Dist - Sangli on 29th December, 2009.

- 4 Attended one-day District Level work shop "Lek Ladaki Abhiyan" organized by Atpadi College Atpadi in Sept. 2010
- 5 One day workshop on revised syllabus of chemistry for BSc II organized by Dept of Chemistry, Balwant College Vita on 30th Aug 2011.
- 6 One day Teachers workshop on Revised Syllabus of Chemistry (B.Sc.III) organized by Dahivadi College Dahiwadi and Shivaji University Kolhapur 3rd Aug 2012.
- 7 One day Teachers workshop on Revised Syllabus of Chemistry (B.Sc.III) Paper XII and XVI organized by Vivekanand College Kolhapur Held on 13th Aug, 2012.
- 8 Attended Workshop on *Revised Syllabus* of B.Sc. Part-II on 6th Aug. 2014 organised by Shrimant Babasaheb Deshmukh College, Atpadi, Dist-Sangli.
- 9 One day Teachers workshop on Revised Syllabus of Chemistry (B.Sc.III) Sem V Paper XII (Industrial Chemistry) and Sem VI Paper XVI (Analytical Chemistry) organized by Dahiwadi College Dahiwadi Held on 25th Aug, 2015.

IX. ORIENTATION/REFRESHER / OTHER COURSES ATTENDED: 05

X. MEMBERSHIPS:

1. MAGAZINES/PERIODICALS/LIBRARIES: Nil
2. UNIVERSITY BODIES/ PROFESSIONAL ASSOCIATIONS: BOS Syllabus Committee

XI. EXTRA-CURRICULAR AND CO-CURRICULAR ACTIVITIES:

- 1 Analysis of Hypo Solutions for its **Silver content** (Government Hospitals- Maharashtra)
- 2 Chemical Analysis of **Water** samples
- 3 Examiner of University Theory & Practical examination B.Sc –I, II & III.
- 4 Worked in Discipline, college Examination, Students Aid Fund Science Association committees in college.

- 5 **Local Management Committee** (LMC) Member from 1994 to 2004 in Raje Ramrao College, Jath.
- 6 Vice Chancellor nominated subject expert in University **Selection Committee** on Chikali and Jaysingpur College.
- 7 Vice Chancellor nominated subject expert on **Redressal Committee** of revaluation constituted for the Chemistry.
- 8 Actively participated in “**Gram Swacchata Abhiyan**” jointly organized by Z.P.Sangli and Department of N.S.S. Shivaji University, Kolhapur during 23rd September to 2nd October 2008 at Grampanchayat Achakanhalli Tal. Jath, Dist. Sangli.
- 9 Worked as a Programme Officer in **University level National Service Scheme** camp jointly organized by Shivaji University, Kolhapur and Raje Ramrao College, Jath during 13th to 19th December 2012 at Grampanchayat Walsang, Tal. Jath, Dist. Sangli.
- 10 Vice Chancellor nominated **Expert Committee** (LIC) in Arts and Science College Umadi, Tal: Jath; Dist: Sangli
- 11 Selected by Shivaji University, Kolhapur as a **Divisional Coordinator** for Jath Division in National Service Scheme (NSS).
- 12 **Worked as Subject Expert** for Award of Teachers Fellowship under FIP during XIth plan for doing Ph.D. in **Padmabhushan Vasantraodada Patil Mahavidyalaya**, Kavatemhanakal on 23rd Aug 2012.
- 13 Permanent Recognition for **P.G.Teacher and M.Phil. Ph.D. Guideship** of Shivaji University Kolhapur.
- 14 BOS Syllabus Subcommittee in Chemistry at BSc I, on January 28, 2013 & February 11, 2013.
- 15 Guidance’s three Students for Ph. D. work and one student for M.phil.
- 16 Minor research project ongoing by UGC WRO, Pune 2013-14
- 17 Vice Chancellor nominated **Expert Committee** (LIC) in Sharadchandra Pawar Mahavidyalaya, Lonand, Tal: Khandala, Dist: Satara.on November 26, 2013.
- 18 BOS Syllabus **Subcommittee** in Chemistry at BSc II on February 28, 2014.
- 19 **Coordinator** of 34th **Central Youth Festival** organized by Raje Ramrao Mahavidyalaya, Jath on Oct 11 and 12, 2014.
- 19 **CAP Coordinator** for B.A./ B.Sc./ B.Com./ B.C.A. Part – I at Shivaji University Kolhapur Conducted by Raje Ramrao Mahavidyalaya Jath from Oct/Nov. -2014.
- 20 BOS Syllabus **Subcommittee** in Chemistry at BSc III on February 20, 2015.

- 21 **Coordinator** Raje Ramrao Mahavidyalaya Jath Lead College Activity under Shrimati Mathubai Garaware Kanya Mahavidyalaya, Sangli from Jun 2015-16.
- 22 **External Examiner** in M.Sc. Chemistry Swami Ramanand Tearth Marathwada University on Desember 30 and 31, 2015.
- 23 Vice Chancellor nominated **Expert Committee** (LIC) in Ramanand Nagar Mahavidyalaya, Burli, Tal: Palus, Dist: Sangli.on March 16, 2016.

Invited Lectures / Resource Person Speeches:-

1. Invited talks for Bsc-III students of Farewell function organized at Dalit Mitra Kadam Guruji, science college, Mangalwedha on 28th March 2006.
2. Invited and Delivered a Lecture on Atomic structure and Chemical Bond, at Department of competitive Examination, Raje Ramrao College, Jath on 24th July 2007.
3. Invited as Chief Guest in Welcome Function of B.Sc.I students at Raje Ramrao College Jath on July 15, 2010.
4. Guest Lecture for BSC III students under UGC Remedial Coaching for SC/ST/OBC and Minorities of Sangola College, Sangola on 21, February 2013.
5. Resource Person in the One day University Teachers workshop on “Revised syllabus at BSc III Chemistry Sem V Paper XII & Sem VI Paper XVI” organized by Dahiwadi College Dahiwadi on 25th Aug 2015.
6. Chife Guest at Farewell functions of H.S.C. Students at Raje Ramrao Mahavidyalaya Jath on Feb 22, 2016.
7. Chife Guest at WellCome functions of M.Sc. Physics Students at Raje Ramrao Mahavidyalaya Jath on Aug 12, 2016.

XII. ADMINISTRATIVE EXPERIENCE:

Place : panchgani

Date : 23/11/2016

Dr. B. N. Kokare