

CURRICULUM VITAE

Mr. Kokare Arjun Nmadev

M.Sc., Ph. D (Submitted)

Analytical Chemistry Laboratory,

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OBJECTIVE

To continue successful Research & Development with exceptional hands-on experienced from Concept to Completion, where my qualification and experience can enhance organizational, operational development, profit growth, mission objectives, efficiency, resource utilization and employee satisfaction.

PERSONAL DETAIL

Name : Mr. Kokare Arjun Nmadev
Nationality : Indian
Gender : Male
Marital Status : Unmarried (Single)
Date of Birth : 05/07/1990
Permanent Address : A/P: Banali, Tal: Jath, Dist: Sangli 41404.
Languages Known : English, Hindi, Marathi (Read, Write, Speak)

EDUCATIONAL QUALIFICATION

| Sr. No | Exam Passed | Board / University | Subjects | Year of Passing | Marks in (%) | Class obtained |
|--------|--------------------|------------------------------|----------------------------------|---|--------------|----------------|
| 1 | SSC | Kolhapur | Languages, soc. Science & Math's | March 2005 | 55.60 % | Second class |
| 2 | HSC | Kolhapur | Mar, Eng, Phy, Chem., Bio, Geo. | Feb 2007 | 55.83% | Second class |
| 3 | B.Sc. [chemistry] | Shivaji university, Kolhapur | Chemistry | April 2010 | 63.02 % | First class |
| 4 | M.Sc. | Shivaji university, Kolhapur | Inorganic Chemistry | May 2012 | 68.83 % | First class |
| 5 | UGC Project fellow | Shivaji university, Kolhapur | Toxic metal separation | 6 th Oct 2012 to 30 Dec 2015 | - | - |
| 5 | Ph.D (Submitted) | Shivaji University, Kolhapur | Separation Science | 1 Jan 2014 to 18 may 2016 | - | - |

RESEARCH EXPERIENCE

- **Title of Ph. D. Thesis** : LIQUID-LIQUID EXTRACTION OF SOME TOXIC METAL IONS USING N-*n*-OCTYLCYCLOHEXYLAMINE.
- **Area** : Synthesis of amines and its analytical applications
- **Institute** : Department of Chemistry, Shivaji University, Kolhapur.
- **Guide** : Prof. M. A. Anuse
- **Experience** : Four year research experience, One year working as assistant professor, Working as assistant in soil analysis laboratory of government in Kolhapur.

❖ Research Publications

1. **Liquid-liquid extraction and separation of lead(II) by using N-*n*-octylcyclohexylamine as an extractant : analysis of real samples**
Arjun Kokare, Vishal Suryavanshi, Sunil Zanje, Mansing Anuse Analytical Methods, (2016) Accepted.
2. **Rapid removal of cadmium(II) from real samples by using N-*n* -octylcyclohexylamine: liquid-liquid extractive anion exchange study**
Arjun N. Kokare, Sunil B. Zanje, Vishal J. Suryavanshi, Ganesh S. Kamble, Mansing A. Anuse, International Journal of Science and Technology, 2016, 6(1), 1-9.
3. **Development of a rapid and reliable liquid-liquid extractive method for the effective removal of chromium(VI) from electroplating waste water and tannery effluents,**
Arjun Kokare, Vishal Suryavanshi, Sunil Zanje, Gurupad kore, Dhuryodhan Waghmode, Mansing Anuse. **Russian Journal of Inorganic Chemistry, Accepted.**
4. **Analytical applications of N-*n*-octylcyclohexylamine: Extraction separation of thallium(III) from thallium(I),**
Arjun Kokare, Sunil Zanje, Vishal Suryavanshi, Duryodhan Waghmode, Ganesh Kamble, Pravin Kamble, Sunil Joshi, Mansing Anuse, **Journal of Analytical Chemistry, Accepted.**
5. **Liquid-liquid extraction and separation of Hg(II) by using N-*n*-octylcyclohexylamine as an extractant and analysis of real samples"**
Arjun Kokare, Sunil Zanje, Vishal suryonshi, Gurupad Kore, Mansing Anuse, **Journal of the Chinese Chemical Society, Communicated.**
6. **Extractive spectrophotometric determination of platinum in cisplatin injection, alloys and catalysts assisted by 2-nitrobenzaldehydethiocar-bohydrazone.**
Sunil B. Zanje, Arjun N. Kokare, Vishal J. Suryavanshi, Gurupad D. Kore, Balaji T. Khogare, Mansing A. Anuse, **Journal of Trace Analysis in Food and Drugs, 2016, 2(1), 1-24.**

7. Extraction of iridium(III) by ion-pair formation with 2-octylamino- pyridine in weak organic acid media.

Vishal J. Suryavanshi, Makrand M. Patil, Sunil B. Zanje, **Arjun N. Kokare**, Gurupad D. Kore, Mansing A. Anuse, Ganpatrao N. Mulik, Separation Science and Technology, **Accepted**.

8. Development of a liquid-liquid extraction system of rhodium(III) by 2-octylaminopyridine from weak malonate media.

Vishal J. Suryavanshi, Makrand M. Patil, Sunil B. Zanje, **Arjun N. Kokare** Gurupad D. Kore, Balaji T Khogare, Mansing A. Anuse, Ganpatrao N. Mulik, **Journal of the Chinese Chemical Society**, **Accepted**.

9. Development of liquid-liquid extraction and separation method for ruthenium(III) with 2-octylaminopyridine from succinate media: analysis of catalysts.

V. J. Suryavanshi, M. M. Patil, S. B. Zanje, **A. N. Kokare**, A. P. Gaikwad, M. A. Anuse, G. N. Mulik, **Russian Journal of Inorganic Chemistry**, **Accepted**.

10. Extractive spectrophotometric determination of germanium(IV) in real samples assisted by furfuraldehyde thiocarbohydrazone,

Duryodhan P. Waghmode, Sunil B. Zanje, **Arjun N. Kokare**, Pravin N. Kamble, Mansing A. Anuse, **International Journal of Analytical and Bioanalytical Chemistry** 6(2) 2016, 12-19.

11. Development of a reliable analytical method for the precise extractive spectrophotometric determination of osmium(VIII) with 2-nitrobenzaldehydethiocarbohydrazone: Analysis of alloys and real sample,
Sunil B. Zanje, **Arjun N. Kokare**, Vishal J. Suryavanshi, Duryodhan P. Waghmode, Sunil S. Joshi, Mansing A. Anuse, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy**, 169 (5) 2016, 223–229.

12. Ion-pair based liquid-liquid extraction of gold(III) from malonate media using 2-octylaminopyridine as an extractant: analysis of alloy, mineral, ayurvedic drug and e-waste sample.

Vishal J. Suryavanshi, Sunil B. Zanje, **Arjun N. Kokare**, Mansing A. Anuse, Ganpatrao N. Mulik, **Analytical and Bioanalytical Chemistry**, **Communicated**.

❖ **Paper Presented at Various Conferences/ Seminars/ Symposium:**

1. Current Research in Chemical science (CRCS-2013) at Shivaji University, Kolhapur during 20th to 21st **January 2013.**
2. National Conference on Drug Desiging and Discovery [DDD-2013] at Devchand College Arjunnagar MS(India) During 6th and 7th **September 2013.**
3. State Level Semior on Emerging Trends In Chemistry Through Green Approach(ETCTGA-2013) at Smt. Kasturbai Walchand College, Sangli, During 1st **October 2013.**
4. National Conference on Recent Trends In Chemistry : Nanoscience . (NCRTCNS-2013) at Dahiwadi College Dahiwadi, During 18th and 19th **October 2013.**
5. Current Trends in Chemical and Nano Sciences (CTCNS-2014) organized by Department of Chemistry, Shivaji University, Kolhapur during 17th to 18th **January 2014.**
6. Recent Trends in Analytical Chemistry (RTAC-2014) organized by Department of Chemistry, Arts Commerce and Science College, Satral during 30th to 31st **August, 2014.**
7. National Conference on Frontiers in Chemical and Material Sciences organized by Department of Chemistry, Shivaji University, Kolhapur druing 16th to 17th **January, 2015.**
8. International Conference on Contemporary Research in Chemical and Life Sciences (ICRCLS - 2015) organized by Sadguru Gadage Maharaj College, Karad and Shivaji University, Kolhapur druing 22nd to 23nd **April, 2015.**
9. National Seminar on Application of Chemical and Material Science for Sustainable Development (ACMSSD-2016), at Shivaji University, Kolhapur during 20th **February, 2016.**

Date - / /

Place - Kolhapur.

Yours Sincerely

(Mr. Kokare Arjun Nmadev)