**Dr. Rupesh Bramhadeo Kadam**

***M.Sc. Ph.D.***

***ASSISTANT PROFESSOR,***

***DEPARTMENT OF CHEMISTRTY,***

***SHRIMANT BABASAHEB DESHMUKH MAHAVIDYALAYA, ATPADI***

# Personal Details

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| ***Permanent Address:*** | At/Post-pimpari khurd, Tal-Atpadi, Dist.-Sangli. 415301. Maharashtra. India. |
| ***Email:*** | [*rupesh87kadam@gmail.com*](mailto:rupesh87kadam@gmail.com) |

***Date of birth:*** 01th June 1987

***Languages Known:*** English, Hindi, Marathi

***Contact No.*** +91 9730301283

***Address for correspondence:*** Dept. of Chemistry, S.B.D.M.,

Atpadi, Dist.-Sangli, Pin- 415301,

Maharashtra, India

# Career Objective:

To Pursue a highly Challenging and Creative Career, Where I can apply my existing knowledge and creativity, acquire new skills and contribute effectively to the organisation

# Educational Qualification

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| ***Exam*** | ***Board / University*** | **Subjects** | ***Year of passing*** | ***Percentage*** | ***Class Obtained*** |
| **Ph.D.** | Shivaji University, Kolhapur | Analytical Chemistry | July  2014 | **-** | Awarded |
| **M.Sc.** | Shivaji University, Kolhapur | Inorganic Chemistry | April  2010 | 65.54 | First Class |
| **B.Sc.** | Shivaji University, Kolhapur | Chemistry | April  2008 | 74.24 | First Class With  Distinction |
| **H.S.C.** | Divisional Board ,Kolhapur | Physics,  Chemistry,  Mathematics | March  2005 | 60.00 | First Class |
| **S.S.C.** | Divisional Board ,Kolhapur | Marathi,Science,  SocialScinece,  English,Hindi | March  2003 | 61.33 | First Class |
| **MS-CIT** | MSBTE ,Mumbai | Computer | January  2014 | 83 | First Class With  Distinction |

➢ **Ph.D. Thesis Title:** “Reverse Phase Partition Chromatographic Separation Studies of Some Metal Ions using Poly[dibenzo-18-crown-6]” **under the supervision of Prof. (Dr.) B.S. Mohite**

# Teaching Experience

* Ten years of Teaching Experience as follows

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| **Institute** | **Management** | **Designation** | **From** | **To** |
| Shivaji University, Kolhapur, Department of Chemistry | Shivaji University, Kolhapur | Teaching  Assistant | 19/8/2011 | 30/4/2012 |
| Shrimant Babasaheb Deshmukh Mahavidyalaya, Atpadi | The Atpadi Education Society, Atpadi | Assistant  Professor  (C.H.B) | 12/8/2014 | Till date |

**Research Activities and** **Membership of academic bodies:**

* **List of Publications**

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| *1* | *Analytical application of poly[dibenzo-18-crown-6] for chromatographic separation of thorium(IV) from uranium(VI) and other elements in glycine medium.*  ***R. B. Kadam****, G. G Mali and B. S. Mohite****\****  *J. Radioanal. Nucl. Chem. 295 (1) 501-511., 2013.* |
| *2* | *Development of analytical method for chromatographic separation of copper(II) using poly[dibenzo-18-crown-6]*  ***R. B. Kadam,*** *G. G Mali and B. S. Mohite****\****  *Int. J. Analytical and Bioanalytical Chemistry 2 (2) 139-146., 2012.* |
| *3* | *Reversed-phase column extractive separation of Gd(III) with poly[dibenzo-18 crown-6]*  *K. R. Mahanwar, S. R. Sabale,* ***R. B. Kadam*** *and B. S. Mohite\**  *Int. J. Inorganic Chemistry Volume 2012, (2012) Article I D 515196* |
| *4* | *Analytical application of poly[dibenzo-18-crown-6] for chromatographic separation of Cobalt(II) in glycine medium*  ***Kadam R. B****. and Mohite B. S.\**  *Res. J. Chem. Environ.Vol.18 (3)7-18,(2014)* |
| *5* | *Chromatographic Extraction of palladium(II) ions in multi-component mixture using poly[dibenzo-18-crown-6] as sorbent*  ***Rupesh Kadam,*** *Shivaji Jadhav, Pravin Kamble, Namdev Madane*  *Journal of Emerging Technologies and Innovative Research.vol9(4),141-154,2022* |
| *6* | *Development of Reliable Analytical Method for Extraction and Separation of Zinc(II) in Kerosene.*  *1Namdev S. Madane\*,* ***2 Rupesh B. Kadam****, 3 Pravin N. Kamble*  *The International journal of analytical and experimental modal analysis, VolXIV (VII),1039-1042, (2022)* |
| *7* | *Reversed-Phase Column Extractive Separation of Palladium(II) with Poly[dibenzo-18-crown-6]: A analysis of real sample.*  ***Rupesh Kadam****\* Shivajee Jadhav.*  *Science, Technology and devolpement journal, VolXI (VII),160-164 (2022)* |
| *8* | *Liquid-liquid extraction of Barium(II) using Cyanex 301 in Kerosene*  *Pravin N. Kamble1****,*** *Namdev S. Madane2* ***Rupesh B. Kadam3****,*  *The International journal of analytical and experimental modal analysis*  *Vol XV (I),8-21, (2023)* |
| *9* | *An Extractive Studies on Behaviour of Lead(II) From Acetate Media by Cyanex 301: A Green Approach*  *Pravin N. Kamble\*, Sunil B. Zanje, Yashpal U. Rathod, Shyam W. Dafare, Rupesh B. Kadam, Ashwin D. Gedam, Vikram Pandit. (Under Review Inorganic and Nano Chemistry 2022)* |

* **paper presented at State/National/International Conferences /webinar /Symposium:**

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| *1* | *Reverse phase partition chromatographic separation study of Gd(III) from other elements using poly[dibenzo-18-crown-6] and picric acid. K.R. Mahanwar, S.R. Sabale,* ***R. B. Kadam****, N.D. Nikam and B.S. Mohite*  *National Symposium on Advances in Synthetic Methodologies and New Materials (ASMNM-2011) organized by Department of Chemistry, Shivaji University Kolhapur ,21-22 Jan.-2011.* |
| *2* | *Chromatographic Separation of Thorium (IV) using Poly [dibenzo-18- crown-6] in Glycine.*  ***R.B. Kadam****, K.R. Mahanwar, N.D. Nikam, S.N. Lad, S.S. Jadhav and B.S. Mohite*  *National seminar on recent advances in synthetic chemistry and nanomaterials (RASCN-2012) Dept. of Chemistry, Shivaji University, Kolhapur, 21-22 January 2012* |
| 3 | *Extraction chromatographic method for the separation of actinides and lanthanide using poly[dibenzo-18-crown-6]*  *K. R. Mahanwar, S. R. Sabale, D. V. Jadhav****, R. B. Kadam****, B. S. Mohite*  *DAE-BRNS Biennial Symposium on” Emerging trends in separation science and technology” SESTEC-2012, held at SVKM’SMithibai College, Vile Parle, Mumbai, India, Feb 27- March 1-2012.* |
| *4* | *Analytical Application of Poly[dibenzo-18-crown-6] for Chromatographic Separation of Palladium (II) in glycine medium.*  ***R. B. Kadam****. B. S. Mohite\**  *National Conference on Frontiers Chemical and Materials Science (FCMS 2015), organized by Department of Chemistry, Shivaji University, Kolhapur (MS) - 416004, India, 16-17 January 2015.* |
| *5* | *Sorption of palladium (II) ions in multi-component mixture using poly[dibenzo-18-crown-6] as sorbent.* ***R. B. Kadam\*****,*  *1st International web Conference on advances in Materials science and Applied Biology (ICAMSAB-2022) organized by Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli), (MS), India,27-28 Jan.-2022* |
| *6* | *Nanoflakes-like Nanostructures of Ni1-xMnxCo2O4: An Efficient Bifunctional Catalyst for Hybrid Supercapacitor and Overall Water Splitting.*  *Surendra K. Shinde1\** ***Rupesh B. Kadam2***  *National Seminar on Advances in Chemistry and Materials Science organized by prof. Dr. N. D. Patil Mahavidyalaya, malkapur, 28 May 2022* |

* **Attended State/National/International Conferences /webinar /Workshops/** **Pandemic Awareness Program**: **29**
* **Editorial Member for Journals:**

American Journal of Agricultural Science, Engineering, and Technology

American Journal of Chemistry and Pharmacy

American Journal of Environment and Climate

American Journal of Multidisciplinary Research and Innovation

Journal of Advance Research in Food, Agriculture and Environmental Science

Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP) and it’s journal(s) for year 2023-24

Lattice Science Publication (LSP)’ and it’s journal(s) for year 2023-24

* **Reviewer for Journals**

Journal of Radioanalytical and Nuclear Chemistry.

Science Journal of Chemistry

journal of Emerging Technologies and Innovative Research.

International Journal of Research and Analytical Reviews.

International Journal of Creative Research Thoughts.

International Journal of Current Science

* **Membership of academic bodies:**

International Society for Environmental Information Science, Canada

# Technical Skills.

* **Equipment’s and Machinery handled** 
  1. Flame Photometer
  2. UV-Visible Spectrophotometer
* **Computer proficiency** 
  1. MS-CIT, Operating systems Windows Vista, XP, Windows 7/8/8.1/10
  2. MS-Office 2003/2007/2010/2013, Origin 8.1
  3. Chemskech and Chemdraw

# Achievements/Awards /Scholarship

Secured **1st Rank** award in B.Sc. course at S.B.D Mahavidyalaya, Atpadi,

Awarded **Eklavya Merit Scholarship** for post-Graduation in year 2008-9 & 2009-10

# Extracurricular activities and achievements

* First Prize got a Kho-Kho in 2001 at Taluka level and Participated in District level in 2001.
* Worked as examiner in Zoo-Fest-2018.
* Worked as examiner in Kotwal Examination in 2018.
* Participated at State level N.S.S Camp in 2019.
* Participated at Universitylevel N.S.S Camp in 2020.
* Pandemic Awareness Program and Bicycle Rally Organised by N.S.S Department of SBDM, Atpadi-2020.
* Worked as examiner in B.Sc.-I Sem-II Examination.
* Worked as Lab. Supervisor/Lab. Expert in B.Sc.-I/II/III Practical Examination of Shivaji University, Kolhapur

**College Duties:**

Always an active and enthusiastic member in college committees

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| **Committee** | **Role** |
| Academic Bank of Credits (ABC) | Member |
| Website Development | Member |
| N.S. S | Member |
| Workshop/Seminar/Conference Organization | Member |
| Science Association | Member |

**Declaration**

I hereby declare that all the information given above is correct to the best of my

Knowledge.

**Place: -**Atpadi

**Date: -** Dr. Rupesh B. Kadam

**APPENDEX-1** Education Qualification.

**APPENDEX-2** Teaching Experience.

**APPENDEX-3** List of Publications.

**APPENDEX-4** paper presented at State/National/International Conferences /webinar /Symposium**.**

**APPENDEX-5**  Attended State/National/International Conferences /webinar / Workshops.

**APPENDEX-6**  Pandemic Awareness program.

**APPENDEX-7**  Research Activities and Membership of academic bodies.

**APPENDEX-8** Extracurricular activities and achievements.

**APPENDEX-9** College Duties.