

**Dr. Rajmane M. M. M.Sc., Ph.D.**

**Principal,**

Rayat Shikshan Sanstha's  
Shripatrao Kadam Mahavidyalaya, Shirwal Tal.  
Khandala Dist-Satara. 412801



### Personal Details

**Date of birth:** 01<sup>st</sup> March 1965  
**Native Place:** Ghoti Khurd, Tal-Khanapur Dist-Sangli  
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### Academic Qualification

Exam	University/College	Subject	Year of Passing
Ph.D.	Shivaji University, Kolhapur	Chemistry	2003
M.Sc.	Shivaji University, Kolhapur	Chemistry	1988
B.Sc.	Balwant College, Vita	Chemistry	1986

### Teaching Experience: 33 years

### Administrative Experience: 18 years

Designation	Institute	Experience
Principal	Shripatrao Kadam Mahavidyalaya, Shirwal	1 Month
Principal	Sadguru Gadage Maharaj College, Karad	17
Principal	A.S.C. College, Ramanandnagar	01
Head	Dept. of Chemistry, A.S.C. College, Malkapur	01

### Research Publications: 15

Sr. No.	Publication
1	Compatibility of supported ionic liquid phase catalysts under ultrasonication M Jagadale, D Kale, R Salunkhe, <b>M Rajmane</b> , G Rashinkar <i>Journal of Molecular Liquids</i> 265, 525-535.
2	Water-Mediated Synthesis of Anthelmintic Piperidinols and Their Molecular Docking Studies MB Jagadale, RS Salunkhe, <b>MM Rajmane</b> , MJ Dhanavade, ... <i>Chemistry Select</i> 3 (20), 5581-5587
3	An ionic liquid gel: a heterogeneous catalyst for Erlenmeyer-Plochl and Henry reactions M Jagadale, A Naikwade, R Salunkhe, <b>M Rajmane</b> , G Rashinkar <i>New Journal of Chemistry</i> 42 (13), 10993-11005

4	Cellulose-supported N-heterocyclic carbene silver complex with pendant ferrocenyl group for diaryl ether synthesis M Jagadale, R Salunkhe, A Kumbhar, S Gajare, <b>M Rajmane</b> , G Rashinkar <i>Applied Organometallic Chemistry</i> <b>31 (3)</b> , e3576
5	Sustainable synthesis of sulfonamides using supported ionic liquid phase catalyst containing Keggin-type anion M Jagadale, S Khanapure, R Salunkhe, <b>M Rajmane</b> , G Rashinkar <i>Applied Organometallic Chemistry</i> <b>30 (3)</b> , 125-131
6	A modular approach for multicomponent synthesis of amidines using modified Scolecite M Jagadale, P Bhange, R Salunkhe, D Bhange, <b>M Rajmane</b> , G Rashinkar <i>Applied Catalysis A: General</i> <b>511</b> , 95-105
7	Solvent extraction separation of molybdenum (VI) by N-n-octylaniline <b>M. M. Rajmane</b> , M. A. Anuse <i>Bulgarian Chemistry and Industry</i> , <b>72 (2001)</b> 84.
8	Highly selective liquid – liquid extraction of niobium (v) from halide media, with high molecular weight amine. <b>M. M. Rajmane</b> , M. A. Anuse <i>Romania Journal of Chem.</i> <b>2004</b> , <b>49 (6)</b> , 531-537.
9	Extraction studies of rhenium (VII) with N-n-octylaniline. <b>M. M. Rajmane</b> , M. A. Anuse <i>Annali di Chimica (Italy)</i> <b>2005</b> .
10	Selective solvent extraction tungsten (VI) with N-n-octylaniline in xylene. <b>M. M. Rajmane</b> , M. A. Anuse <i>Bulletine Chemist and Technologist of Macedonia</i> <b>Vol.24, No.1, 1-9 (2005)</b>
11	Solvent extraction separation of zirconium (IV) with N-n-octylaniline from succinate media. <b>M. M. Rajmane</b> , M. A. Anuse <i>Journal of Serbium Chem. Soc.</i> <b>2006</b> , <b>71, (3)</b> 223-234.
12	Liq-liq. extraction of Antimony (III) from HCl media by N-n-octylaniline in xylene. <b>M. M. Rajmane</b> , M. A. Anuse <i>Journal of Serbium Chem. Soci.</i> <b>(2004)</b> <b>69</b> , 283.
13	A Rapid sensitive analytical spectrophotometric determination of selenium(IV) with 1-(Pyrimidine)-4,4,6-trimethyl-1,4-dihydropyrimidine-2-thiol S. V. Mahamuni, G. S. Kamble, U. B. More, <b>M. M. Rajmane</b> , M. A. Anuse <i>Internat. J. Res. Analy. Reviews (IJRAR)</i> , <b>9 (4) November 2022</b> , 241-245
14	A Novel Recyclable Bi-Mg-O Composite Nano-Catalyst Promoted Rapid and Efficient Synthesis of Spirooxindole and 4H-Pyran Derivatives Abhijeet Mulik, Vishvanath Ghanwat, Pravin Hegade, Mukund Mali, D-Y Kim, Dae Sung Lee, Asif Shahzad, Surendra Shinde, <b>Mohan Rajmane</b> <i>Polycyclic Aromatic Compounds</i> <b>43 (7)</b> , 6665-6678
15	Novel ionic liquid dihydrogen 4, 4'-trimethylenedipiperidine phosphate-catalyzed greener and efficient synthesis of dihydro pyrano [2, 3-c] pyrazole S Tanpure, A Mulik, <b>M Rajmane</b> , S Lawande <i>Research on Chemical Intermediates</i> <b>49 (3)</b> , 819-835

### Research papers presented in National & International Conferences / Seminars

1. Solvent extraction separation of molybdenum (VI) by N-n-octylaniline.  
M. M. Rajmane, M. A. Anuse, Indian Council of Chemists, Eighteenth Conference. Organised by North Maharashtra University, Jalgaon, 1999.
2. Selective solvent extraction of tungsten (VI) with N-n-octylaniline in xylene.  
M. M. Rajmane, T. M. Shilmar, M. A. Anuse, Indian Council of Chemists, Nineteenth Conference, Organized by Kuvempu University, Shimoga, 2000.
3. Liquid – liquid extraction study of tellurium (IV) with N-n-octylaniline in halide media and the separation from real samples.  
B. M. Sargar, M. M. Rajmane, M. A. Anuse, International Seminar on Analytical Techniques in Monitoring the Environment, organised by Shri. Vnkateswara University, Tirupati, 2000.
4. International Seminar on Smart Materials Nano-composites, Industrial Applications and Devices (SNIAD 2000), Organised by Shivaji University, Kolhapur, 2000.
5. Extraction studies of rhodium (VII) with N-n-octylaniline.  
M. M. Rajmane, Arun S. Mahadar, M. A. Anuse  
Indian Council of Chemists, Twentieth Conference, Organised by Mysore University, Mysore (Karnataka), 2001.
6. Highly selective liquid-liquid extraction of niobium (V) from halide media, with high molecular weight amine,  
M. M. Rajmane, M. A. Anuse, Campaign on University Research & Training (COURT -2002).  
Organised by Shivaji University, Kolhapur.

### Books Published: 07

Sr. No.	Name of the Book	Publisher
1	A Text Book of Inorganic Chemistry for B.Sc.Part-I	Sheth, Mumbai
2	A Text Book of Organic Chemistry for B.Sc.Part-I	Sheth, Mumbai
3	A Text Book of Physical Chemistry for B.Sc.Part-I	Sheth, Mumbai
4	A Text Book of Inorganic Chemistry for B.Sc.Part-II	Sheth, Mumbai
5	A Text Book of Organic Chemistry for B.Sc.Part-II	Sheth, Mumbai
6	A Text Book of Physical Chemistry for B.Sc.Part-II	Sheth, Mumbai
7	A Text Book of Inorganic Chemistry for B.Sc.Part-III	Sheth, Mumbai
8.	A Text Book of Inorganic Chemistry for B. Sc. Part-I	Prarup Publications

### Research Students Guided: 01

### Patents to his credit: 18

### Positions held:

Sr. No.	Position
1	Senate Member of Shivaji University, Kolhapur (Year 2011 to 2016)

### Awards:

- 1) Awarded '**Karad Gaurav**' by Adarniya P.D.Patil Pratishthan, Karad.
- 2) Awarded '**Balshastri Jambhekar Puraskar**' by Krishakath Karad Patrakar Sangh, Karad.
- 3) Honorary Member of Karad Rotary Club.
- 4) Awarded 'Best Principal Award- 2021' by Shivaji University, Kolhapur
- 5) Awarded Prabodhankar Thakare Best Principal Award 2022 by Rayat Shikshan Sanstha, Satara
- 6) Karad Rotary Award 2022-2023 by Rotary Club Karad

### Achievements by the College under his Leadership:

- He started various courses in college namely BCA, BCS, B.Sc. (Biotech.), B. Com. (IT), B.Sc. (Comp. Sci.), M. Sc. in Organic Chemistry, Analytical Chemistry, Mathematics, Physics, Microbiology, Statistics, Zoology, Geography, Computer Science, B. Voc. Hotel Management and Catering Technology, B. Voc. Agriculture, B. Sc. (Medicinal Chemistry), B.Sc. (Food Science)
- In 2017, the college has awarded A+ Grade (CGPA 3.63) by NAAC.
- Designated as a Lead College of Shivaji University, Kolhapur
- Best College Award by Rayat Shikshan Sanstha, Satara (2010-2011)