



## FACULTY PROFILE

Name	Dr.Ramesh Dadu Mohite
Qualification	M.Sc. Ph.D.
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Contact No	9969105261
Department :	Chemistry
Designation	Associate professor
Specialization	Analytical Chemistry
Experience	31yr

### Qualification with Subjects Offered / Specialization

Sr.No.	Qualification with Subjects Offered / Specialization	Name of University
1	M.Sc.[Analytical Chemistry]	Pune University
2	B.Sc.	Shivaji University
3	HSC	Pune Board
4	SSC	Pune Board

### Research Degree(s) :

Sr.No.	Research Degree	Title	Date of Award	Name of University
1	Ph.D.	A Study Of Trace Metal Retention And Accumulation In Vegetation At Navi Mumbai As A Pollution Index For Industrialization And Urbanization Of The Area.	02/08/2020	Mumbai University



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### Academic Staff College Orientation / Refresher Course Attended:

Sr.No.	Type of Course	Name of Course	Place	Duration	Sponsoring Agency
1	Orientation Course	Orientation Course	UGC Academic Staff College, Mumbai	2 <sup>nd</sup> April 1998 to 29 <sup>th</sup> April 1998	UGC
2	Refresher Course	Refresher Course in Chemistry	UGC Academic Staff College, Mumbai	10 <sup>th</sup> Feb 2000 to 4 <sup>th</sup> March 2000	UGC
3	Refresher Course	Refresher Course in Chemistry	UGC Academic Staff College, Mumbai	9 <sup>th</sup> Dec 2005 to 30 <sup>th</sup> Dec 2005	UGC
4	Refresher Course	Refresher Course in Chemistry	UGC Academic Staff College, Mumbai	27 <sup>th</sup> Oct 2014 to 15 <sup>th</sup> Nov 2014	UGC
5	Research Methodology in Basic and Applied Sciences	Short Term Course	UGC Academic Staff College, Mumbai	12 <sup>th</sup> March 2013 to 13 <sup>th</sup> March 2013	UGC

### Research Publications –

1	Assessment of Heavy Metals Accumulation in Washed and Unwashed Leafy Vegetables Sector-26 Vashi, Navi Mumbai, Maharashtra. <b>Journal of Chemical, Biological and Physical Sciences.2006</b>
2	Onset of Industrial Pollution Recorded in Mumbai Mudflat Sediments, Using Integrated Magnetic, Chemical, 210Pb Dating, and Microscopic Method. <b>Environ. Sci. Technol. 2011</b>
3	Vertical distribution, composition profiles, sources and toxicity assessment of PAH residues in the reclaimed mudflat sediments from the adjacent Thane Creek of Mumbai. <b>Marine Pollution Bulletin journal Elsevier. 2017</b>
4	Magnetism and Environmental Issue. <b>Akshar Wangmay 2021.</b>
5	Waste seeds of ziziphus rugosa lam. As potential material for removal of heavy metal from waste. <b>International Journal of Botany Studies. 2021</b>
6	Phytochemical Analysis, Anti-Oxidant And Anti-Inflammatory Activity of Crinum Brachynema Leaves, Flowers And Fruits. <b>Journal of Cardiovascular Disease Research. 2021</b>
7	Waste water treatment: a perspective of nanotechnology. <b>International Journal of Mechanical Engineering. 2022.</b>
8	Application of Environmental Magnetism in reconstruction of paleoenvironment in mangrove sediments: a case study of Mumbai, Maharashtra, India. <b>International journal of Biology, Pharmacy, and Allied sciences. 2022</b>
9	An Organo-Heterogeneous catalyst for synthesis of benzimidazole derivatives using nanoparticles synthesized from Plant extract and supported on Montmorillonite K10. <b>Materials Today: Proceeding-ELSEVIER.</b>
10	Investigation of polycyclic aromatic hydrocarbons (PAHs) contamination in the Airoli mangrove sediments using environmental magnetic methods. <b>International Journal of Early Childhood Special Education (INT-JECSE.2022</b>



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11	Synthesis, Characterization and Biological Activity of some Mixed Ligand Transitional metal Complexes. <b>International journal of Advanced Research in Science , Communication and technology(IJARSCT).2022.</b>
12	An Efficient Synthesis of 2,4,5-Triaryl -1 H-Imidazole Derivatives Catalyzed By Boric acid in green condition. <b>International journal of Advanced Research in Science , Communication and technology(IJARSCT)</b>

### Conference Paper Presentation

1	"Chemical and environmental magnetic analysis of heavy metal contamination in leafy vegetables in Navi Mumbai, India"	International Conference.2022
2	waste water treatment: a perspective of nanotechnology	International Conference.2022
3	Investigation of polycyclic aromatic hydrocarbons (PAHs) contamination in the Airoli mangrove sediments using environmental magnetic methods	International Conference.2022
4	Investigation of polycyclic aromatic hydrocarbons (PAHs) contamination in the Airoli mangrove sediments using environmental magnetic methods	International Conference.2022
5	Characterization of Carbon Nano- allotropes - Fullerene C44 from Lamp Black (Soot) and its Applications thereof.	International Conference.2022

### Best Paper Award

1	Chemical and environmental magnetic analysis of heavy metal contamination in leafy vegetables in Navi Mumbai, India".	Management of Institute-Warsaw University of Life Sciences Warsaw, Poland Tradepreneur Global Research organization Southampton, UK
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### Ph.D ( Guideship) in Chemistry

1	Granted recognition as a teacher to guide student for the Ph.D. degree in the subject of Chemistry. of the University Mumbai	University of Mumbai from 02nd May, 2022
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## **FACULTY PROFILE**

### **Completed UGC Minor Research Project**

<b>Sr. No</b>	<b>Title of the project</b>	<b>Funding Agency</b>	<b>Grant Sanctioned</b>	<b>Date</b>
<b>1</b>	Status of quality of soil in Navi Mumbai area and remedial measures to enhance crop yielding capacity.	<b>UGC</b>	<b>38000/-</b>	<b>10/09/2015</b>
<b>2</b>	Some Studies of heavy metals in Vegetables in Navi Mumbai industrial Area , Maharashtra.	<b>UGC</b>	<b>7000/-</b>	<b>03/09/2018</b>