

RESUME

1. General Information:

Full Name : Dr. Ramesh S. Malladi

Designation : Assistant Professor

Office address : Department of Chemistry
BLDEA's, V. P. Dr. P. G. Halakatti College of
Engineering and Technology, Vijayapur-586103,
(Karnataka), India.

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2. Educational Qualifications:

SL.NO	DEGREE	UNIVERSITY	YEAR	SPECILIZATION
1	Ph.D	VTU BELGAVI	2010	NANOTECHNOLOGY, CHEMICALKINETICS
2	M.Sc.	KUD, DHARWAD	2001	ORGANIC CHEMISTRY
3	B.Sc.	KUD, DHARWAD	1997	CHEMISTRY, BOTANY, ZOOLOGY.

3. Experience in Teaching: 14 Years

Sl.No	Name of Organization / Institution	Designation	Duration of service
			From To
1	A.B. Jatti Pre-University College, Tikota. Dist: Vijayapur, (Karnataka) India.	Lecturer	1/7/2001 to 16/3/2004
2	B.L.D.E.A's, V.P. Dr. P.G.H., College of Engineering &	Lecturer	12/4/2004 to 30/11/2010

Technology, Vijayapur,
(Karnataka) India.

3 B.L.D.E.A's, V.P. Dr. P.G.H., CET. Sr. Grade. 1/12/2010to31/11/2011
Vijayapur, (Karnataka) India. Lecturer

4 B.L.D.E.A's, V.P. Dr. P.G.H., Assistant 1/1/2012 to till date.
C.E.T. Vijayapur, (Karnataka) Professor
India.

4. Research Experience: 08 yrs

5. Areas of Interest: Nanotechnology, Reaction kinetics and Spectroscopy.

6. Reviewer : Springer publishers international journal of industrial chemistry

7. Professional Membership:

A) Life Member of the ISTE (Membership No: LM-61703).

B) Society of Environmental Chemistry and Allied Sciences (SECAS) (L.M.No:135).

8. List of Publications in International Journals

1. "Electrochemical detection and degradation of textile dye Congo red at graphene oxide modified electrode" Nagaraj P Shetti, Shweta J Malode, Ramesh S Malladi, Shachindra L Nargund, Shyam S Shukla, Tejraj M Aminabhavi, Microchemical Journal, 146, 387-392, 2019.

2. "Theoretical and experimental approach of inhibition effect by sulfamethoxazole on mild steel corrosion in 1M HCl", B.M. Prasanna, B.M. Praveen, Narayan Hebbar, M.K. Pavithra, T.S. Manjunatha, R.S. Malladi. Surface and Interface Analysis. DOI: 10.1002/sia.6457, 2018.

3. "Ag (I)-Catalyzed Chlorination of Linezolid during Water Treatment: Kinetics and Mechanism" RM Kulkarni, MS Hanagadakar, RS Malladi, NP Shetti ,International Journal of Chemical Kinetics 50 (7), 495-506

4. "Ru-TiO₂ semiconducting nanoparticles for the photo-catalytic degradation of bromothymol blue" RM Kulkarni, RS Malladi, MS Hanagadakar, MR Doddamani, B Santhakumari, SD Kulkarni, Journal of Materials Science: Materials in Electronics 27 (12), 13065-13074

5. "Oxidation of linezolid by permanganate in acidic medium: Pd (II) catalysis, kinetics and pathways", Raviraj M Kulkarni, Manjunath S Hanagadakar, Ramesh S Malladi, B Santhakumari, Sharanappa T Nandibewoor, Progress in Reaction Kinetics and Mechanism 41 (3), 245-257

6. "Ag-TiO₂ nanoparticles for photocatalytic degradation of lomefloxacin"

Raviraj M. Kulkarni, Ramesh S. Malladi, Manjunath S. Hanagadakar, Mrityunjay R. Doddamani, Udaya K. Bhat. *Desalination and Water Treatment*, 57 (34), 16111-16118, 2016.

7. "Experimental and theoretical studies on the oxidation of lomefloxacin by alkaline permanganate" Raviraj M Kulkarni, Manjunath S Hanagadakar, Ramesh S Malladi, Himansu S Biswal, Eduardo M Cuerda-Correa. *Desalination and Water Treatment*, 57 (23), 10826-10838, 2016.

8. "Transformation of linezolid during water treatment with chlorine - A kinetic study" Raviraj M. Kulkarni, Manjunath S. Hanagadakar, Ramesh S. Malladi, Mahadev S. Gudaganatti, Himansu S. Biswal and Sharanappa T. Nandibewoor. *Indian Journal of Chemical Technology*, Vol. 21, pp 38-43, 2014.

9. "Silver (I) catalyzed and uncatalyzed oxidation of levofloxacin with aqueous chlorine: A comparative kinetic and mechanistic approach" Raviraj M. Kulkarni, Manjunath S. Hanagadakar, Ramesh S. Malladi. *Asian Journal of research in Chemistry*, Vol. 6 (12), pp1124-1132, 2013.

10. "Transformation on levofloxacin during water chlorination process: kinetics and pathways" Mahadev S. Gudaganatti, Manjunath S. Hanagadakar, Raviraj M. Kulkarni, Ramesh S. Malladi, and Rajaram K. Nagarale. *Progress in Reaction Kinetics and Mechanism*, Vol. 37, pp 366-382, 2012.

9. National/International Conferences

1. Presented a research paper entitled by "Photocatalytic degradation of methyl orange by copper doped zinc oxide: Kinetics and Mechanism" in 1ST NATIONAL CONFERENCE ON EMERGING TRENDS IN CHEMISTRY AND MATERIALS SCIENCE (ETCM-2014)" held at KLS Gogte Institute of Technology, Belagavi, (Karnataka) India. On 13th October 2014.
2. Presented a research paper entitled by "Photocatalytic degradation of methylene blue using copper doped zinc oxide: Kinetics and Mechanism" in "1ST NATIONAL CONFERENCE ON PRESENT SCENARIO OF CHEMICAL SCIENCES AND ITS TECHNOLOGICAL PERSPECTIVES-2014" held at Karnataka College Dharwad, (Karnataka) India. On 10th & 11th October 2014.
3. Presented a research paper entitled by "Photocatalytic decolorization of bromothymol blue with doped Ag-TiO₂ nanoparticles: Kinetics and Mechanism" in "INTERNATIONAL CONFERENCE ON EMERGING INNOVATIVE TECHNOLOGIES FOR A SUSTAINABLE WORLD - 2013 (ICEITSW-2013)". Organized by Shridevi Institute of Technology Tumkur, (Karnataka) India. held on 7th and 8th October 2013.
4. Presented a research paper entitled by "Photocatalytic degradation of lomefloxacin using Ag-TiO₂ nanoparticles" in "31ST ANNUAL CONFERENCE

OF INDIAN COUNCIL OF CHEMISTS" held at Department of Chemistry, Saurashtra University, Rajkot (Gujarat) India. On 26th -28th December, 2012.

5. Presented a research paper entitled by " Photocatalytic degradation of bromothymol blue with doped Ru-TiO₂ nanoparticles : Kinetics and Mechanism" in "SECOND INTERNATIONAL CONFERENCE ON ADVANCED OXIDATION PROCESSES (AOP-2012)". held at Kottayam, (Kerala) India. From 5th to 8th October 2012.
6. Presented a research paper entitled by "Ag-TiO₂ nanoparticles for photocatalytic degradation of sparfloxacin" Advanced Materials Proceedings, 3(8), 526-529, 2018.
7. Presented a research paper entitled by "Cu-ZnO nanoparticles for photocatalytic degradation of methyl orange" Advanced Materials Proceedings, 3(8), 521-525, 2018.
8. Presented a research paper entitled by "Ba-ZnO nanoparticles for photo-catalytic degradation of chloramphenicol" AIP proceedings, 1989, 020026-1 to 020026-09, 2018