



CURRICULUM VITAE

Name:	Dr. M.S. HANAGADAKAR	
Designation:	Associate Professor	
Department:	Department of Engineering Chemistry HIT, Nidasoshi, Karnataka Pin - 591 236	
Specialization & Research Interests:	<ul style="list-style-type: none"> • Physical Chemistry • Reaction Kinetics & Mechanism • Water treatment • Environmental science 	
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2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
Ph.D.	2016	Visvesvaraya Technological University, Belagavi
M.Sc.	2001	Karnataka University Dharwad
B.Sc.	2008	R.L. Science Institute, Belagavi- Karnataka University Dharwad

3. ANY OTHER QUALIFICATION:

4. PROFESSIONAL EXPERIENCE:

Organization/Institute/University	Position Held	Duration
Hirasugar Institute of Technology, Nidasoshi	Associate Professor	19-02-2007 to till date
S.J.P.N Trust's Pre-University Science College, Nidasoshi.	Lecturer	01-06-2006 to 17-02-2007
S.D.V.S. Sangh's S.S. Arts & T.P. Science Institute Sankeshwar.	Lecturer	31-08-2004 to 31-05-2006
V.M.V.V. Sangha's V.M.S.R. Vastrsd Arts, Science & V.M. Commerce College, Hungund	Lecturer	17-08- 2003 to 12-08- 2004

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
NISP/IIC coordinator	2019 – Till Now	--
BOE for Engineering Chemistry	Dec-2023 – Till Now	--

6. COURSES TAUGHT:

- Engineering chemistry for all Streams
- Environmental studies
- Biology for Engineers
- Innovation and Deign Thinking

7. RESEARCH SUPERVISION:**A. Ph.D.:**

- i. Awarded : 01
- ii. Submitted : ---
- iii. Ongoing : 01

B: M.Tech.

- i. Awarded : ---
- ii. Submitted : ---
- iii. Ongoing : ---

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

- i. Awarded : --
- ii. Submitted : --
- iii. Ongoing : ---

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:

9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

Society of Environmental Chemistry and Allied Sciences (SECAS)

10. PUBLICATIONS:**A. BOOKS/MONOGRAPHS:**

- 1. Authored:
02
- 2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Mahadev S. Gudaganatti, **Manjunath S. Hanagadakar**, Raviraj M. Kulkarni, Ramesh S. Malladi and Rajaram K. Nagarale, "*Transformation of Levofloxacin during Chlorination process: Kinetics & pathways*", Progress in Reaction Kinetics and Mechanism. Vol. 37, **2012**, pp. 366–382. 1468-6783 # 2012 Science Reviews 2000 Ltd. <https://doi.org/10.3184/146867812X13440034591571>, **Science Citation Index**.
2. Raviraj M. Kulkarni, **Manjunath S. Hanagadakar**, Ramesh S. Malladi. Silver (I) catalyzed and uncatalyzed oxidation of levofloxacin with aqueous chlorine: A comparative kinetic and mechanistic approach. Asian J. Research Chem. 6(12): December 2013; Page 1124-1132. DOI: 10.5958/0974-4150 **(The journal is indexed/listed with CAB Abstracts, EBSCO Publishing's Electronic Databases, Google Scholar, ProQuest Central, Indian Citation Index.)**
3. Raviraj M Kulkarni, **Manjunath S Hanagadakar**, Ramesh S Malladi, Mahadev S Gudaganatti, Himansu S Biswal and Sharanappa T Nandibewoor, "*Transformation of Linezolid during water treatment with chlorine-A kinetic study*" Indian Journal of Chemical Technology. Vol. 21, January **2014**, pp 38-43. ISSN: 0975-0991 (Online); 0971-457X **Science Citation Index**.
4. Raviraj M. Kulkarni, **Manjunath S. Hanagadakar**, Ramesh S. Malladi, Himansu S. Biswal & Eduardo M. Cuerda-Correa (2016) Experimental and theoretical studies, on the oxidation of lomefloxacin by alkaline permanganate, Desalination and Water Treatment,57:23, 10826-10838, DOI: 10.1080/19443994.2015.1037797, **Science Citation Index**
5. Raviraj M. Kulkarni, Ramesh S. Malladi, **Manjunath S. Hanagadakar**, Mrityunjay R. Doddamani & Udaya K. Bhat (2016) Ag-TiO₂ nanoparticles for photocatalytic degradation of lomefloxacin, Desalination and Water Treatment, 57:34, 16111-16118, DOI:10.1080/19443994.2015.1076352, **Science Citation Index**.
6. Kulkarni, R. M.Malladi, R. S., **Hanagadakar, M. S.**, Doddamani, M. R., Santhakumari, B.Kulkarni, S. D., Ru-TiO₂ semiconducting nanoparticles for the photo-catalytic degradation of bromothymol blue, Journal of Materials Science: Materials in Electronics,27, 13065–13074 (2016). <https://doi.org/10.1007/s10854-016-5449-6>, **Science Citation Index**.
7. Raviraj M. Kulkarni, **Manjunath S. Hanagadakar**, Ramesh S. Malladi, B. Santhakumari and Sharanappa T. Nandibewoor, Oxidation of linezolid by permanganate in acidic medium:

- Pd(II) catalysis, kinetics and pathways, Progress in Reaction Kinetics and Mechanism, 2016, 41(3), 245–257, doi:10.3184/146867816X14696298762238, **Science Citation Index**.
8. Raviraj M. Kulkarni, Manjunath S. Hanagadakar, Ramesh S. Malladi, Nagaraj P. Shetti, Ag(I)-Catalyzed Chlorination of Linezolid during Water Treatment: Kinetics and Mechanism, International Journal of Chemical Kinetics 50 (7), 495-506, 2018, <https://doi.org/10.1002/kin.21175>, **Science Citation Index**.
 9. Shankamma S. Kerur, **Manjunath S. Hanagadakar***, Santosh S. Nandi, Ratnamala Sholapur math, Sateesh N. Hosamane, Optimization, Statistical and Adsorption Analysis of Cr (VI) using Corn Industry Sludge: Kinetic and Isotherm Studies, NeuroQuantology, December 2022, Volume 20, Issue 19, Page 1840-1868, doi: 10.48047/nq.2022.20.19. NQ99161, **(UGC approved)**
 10. Shankamma S. Kerur, **Manjunath S. Hanagadakar**, Santosh S. Nandi, Ratnamala Sholapurmath, Sateesh N. Hosamane, Isotherm and Adsorption of 2-Chlorophenol using Corn Industry Sludge Derived Activated Carbon Synthesized by a Novel Activation Method: Optimization and Statistical Studies in Aqueous Solutions, NeuroQuantology, December 2022, Volume 20, Issue 19, Page 1840-1868, doi: 10.48047/nq.2022.20.19. NQ99161, **(UGC approved)**.

C. PAPERS IN CONFERENCES PROCEEDINGS:

1. Raviraj M. Kulkarni, Ramesh S. Malladi, **Manjunath S. Hanagadakar**, Cu-ZnO nanoparticles for photocatalytic degradation of methyl orange, **2018, 3(8), 521-525 Advanced Materials Proceedings**.
2. R. M. Kulkarni, R. S. Malladi, **M. S. Hanagadakar**, N. P. Shetti, and M. R. Doddamani, Ba-ZnO nanoparticles for photo-catalytic degradation of chloramphenicol, AIP Conference Proceedings 1989, 020026 (2018); doi: 10.1063/1.5047702
3. R M Kulkarni, R S Malladi, **M S Hanagadakar**, Ag-TiO₂ nanoparticles for photocatalytic degradation of sparfloxacin, **3 (8), 526-529. 2018, 3(8), 526-529 Advanced Materials Proceedings**.
4. S.S. Kerur Sneha Bandekar, **Manjunath S. Hanagadakar**, Santosh S. Nandi, ,G.M. Ratnamala, Prasad G. Hegde, Removal of hexavalent Chromium-Industry treated water and Wastewater: A review, Materials Today: Proceedings Volume 42, Part 2, 2021, Pages 1112-1121, <https://doi.org/10.1016/j.matpr.2020.12.492>. **(UGC approved)**

11. Patents/Copyrights/IPR (If Any)

12. INVITED TALKS:

13. RESEARCH PROJECTS (COMPLETED/ONGOING):

**14. PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/
WORKSHOPS/ CONFERENCES:**

Sl. No.	Topic	Period	Date From To	Venue
1.	Nanotechnology-“Today’s Need” (National Seminar)	Two days	28-29 th March 2009	S. D.V.S Sangh’s. S.S.Arts & T.P. Science Institute, Sankeshwar
2.	Research Methodologies & Report Writing (Workshop)	Two days	25-26 th May 2009	K.L.S. Gogte Institute of Technology, Belagavi.
3.	“Applications of Mathematics in Engineering” (Workshop)	Two days	30 st -31 th August 2010	S.J.P.N. Trust’s Hirasugar Institute of Technology, Nidasoshi
4.	All India Conference on Waste Management and Pollution Control	Two days	7 th -8 th March 2014	The Institute of Engineers (India) Local Center, Belagavi.
5	NBA-SAR filling & Preparedness for assessment	Three days	15 th -17 th September 2017	Hirasugar Institute of Technology,Nidasoshi.

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

16. ANY OTHER SIGNIFICANT INFORMATION:


Dr. M. S. Hanagadakar