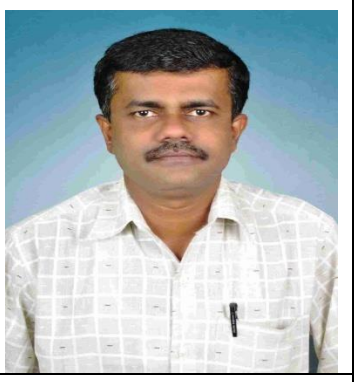
CURRICULUM VITAE

Name:	Dr. Manjunath S.Hanagadakar	
Designation:	Associate Professor	
Department:	Department of Engineering Chemistry	
Specialization & Research Interests:	Physical Chemistry Reaction Kinetics & Mechanism Water treatment	
Email IDs (Official & Personal)	mshanagadakar.chem@hsit.ac.in, mshanagadakar76.chem@gmail.com	
Mobile No.:	8310768223	
Address:	**D**epartment of Engineering Chemistry, HSIT, Nidasoshi, Karnataka-591 236	

2. ACADEMIC QUALIFICATION(in reverse Chronological order):

Degree	Year	University/Board
Ph.D.	2016	Visvesvaraya Technological University, Belagavi
M.Sc	2014	Karnataka University, Dharwad
B.Sc.	2008	R.L. Science Institute,Belagavi, Karnataka University, Dharwad

3. ANY OTHER QUALIFICATION:

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4. PROFESSIONAL EXPERIENCE:

Organization/Institute/University	Position Held	Duration
V.M.V.V. Sangha's V.M.S.R. Vastrad Arts, Science & V.M. Commerce College,Hungund	Lecturer	17 -06- 2003 to12-08- 2004
S.D.V.S. Sangh's S.S. Arts & T.P.Science Institute Sankeshwar.	Lecturer	13-08- 2004 to31-05- 2006
S.J.P.N Trust's Pre-University Science College, Nidasoshi.	Lecturer	01-06- 2006 to17-02-2007
S.J.P.N. Trust's Hirasugar Institute of Technology,Nidasoshi	Lecturer	19-02-2007 to 31-01-2011
S.J.P.N. Trust's Hirasugar Institute of Technology,Nidasoshi	Sr. Lecturer	01-02-2011 to 31-12-2014
S.J.P.N. Trust's Hirasugar Institute of Technology,Nidasoshi	Associate. Professor	01-05-2015 to till date

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
First Year Coordinator	2017-18	--

6. COURSES TAUGHT:

- Engineering Chemistry
- Environmental Studies
- Scientific Foundation of Health

7. RESEARCH SUPERVISION:

A. Ph.D.:

i. Awarded : ---

ii. Submitted : ---

iii. Ongoing : 02

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:

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9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

Life time member of "Society of Environmental Chemistry and Allied Sciences (SECAS)

10. PUBLICATIONS:

A. BOOKS/MONOGRAPHS:

1. Authored:

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2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. "**Transformation of Levofloxacin during Chlorination process: Kinetics & 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, **2012**, pp. 366–382. (International Journal) 1468-6783 # 2012 Science Reviews 2000 Ltd. doi: 10.3184/146867812X13440034591571.
2. "**Silver (I) catalyzed and uncatalyzed oxidation of levofloxacin with aqueous chlorine:** A comparative kinetic and mechanistic approach" ,Raviraj M. Kulkarni*,**Manjunath S. Hanagadakar**, and Ramesh S. Malladi, Asian Journal Researchin Chemistry, 6 (12): December **2013**, pp 1124-1132. **ISSN 0974-4169.**
3. "**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 & Sharanappa T.Nandibewoor, Indian Journal of Chemical Technology. Vol. 21, January 2014, pp 38-43.
4. **"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, Published online: 23 Apr 2015, 57 (2016) 10826–10838. DOI: 10.1080/19443994.2015.1037797.
5. "**Ag-TiO_2 nanoparticles for photocatalytic degradation of lomefloxacin**"Raviraj M. Kulkarni*, Ramesh S. Malladi, **Manjunath S. Hanagadakar,** Mrityunjay R. Doddamani&Udaya K. Bhat, 2016, 57, 34, 16111-16118, DOI: 10.1080/19443994.2015.1076352.
6. **Ru-TiO_2 semiconducting nanoparticles for the photcatalytic degradation of Bromothymolblue,** Raviraj M. Kulkarni, Ramesh S. Malladi, **Manjunath S. Hanagadakar,**Mrityunjay R. Doddamani, Santhakumari B., Suresh D. Kulkarni, *Journal of Materials Science: Electronic materials,* (2016) (Springer) DOI: 10.1007/s10854-016- 5449-6.
7. **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 and Sharanappa T. Nandibewoor, *Progress in Reaction Kinetics and Mechanism, 2016, 41(3), 245–257.* Doi: 10. 3184/ 146867816X14696298762238.

8. "**Pd(II) catalyzed chlorination of levofloxacin during water treatment: Kinetics and Mechanism***"**Manjunath S. Hanagadakar,** Ramesh S. Malladi,Virupakshi M. Bhumannavar ,Journal of Advances in Science and Technology, Vol. 12, Issue No. 25, (Special Issue) December-2016, ISSN 2230-9659. pp. 606-613.*
9. **Ag(I)-Catalyzed Chlorination of Linezolid during Water Treatment: Kinetics and Mechanism,** Raviraj M. Kulkarni ,**Manjunath S. Hanagadakar ,**Ramesh S. Malladi, Nagaraj P. Shetti, International Journal of Chemical Kinetics,2018,50(7), 495-506. Wiley Online Library (wileyonlinelibrary.com).
10. **Ag-TiO_2 nanoparticles for photocatalytic degradation of sparfloxacin,** Raviraj M. Kulkarni, Ramesh S. Malladi, **Manjunath S. Hanagadakar,** Advanced Materials Proceedings, 2018, 3(8), 526-529, DOI: 10.5185/amp.2018/7018.
11. **Cu-ZnO nanoparticles for photocatalytic degradation of methyl orange,** Raviraj M. Kulkarni, Ramesh S. Malladi, **Manjunath S. Hanagadakar,** Advanced Materials Proceedings, 2018, **3**(8), 521-525, DOI: 10.5185/amp.2018/7016.
12. **Ba-ZnO nanoparticles for photo-catalytic degradation of chloramphenicol,** R. M. Kulkarni, R. S. Malladi, **M. S. Hanagadakar**, N. P. Shetti, and M. R. Doddamani, AIP Conference Proceedings 1989, 020026 (2018); doi: 10.1063/1.5047702.
13. **Removal of hexavalent Chromium-Industry treated water and Wastewater: A review,** S.S.Kerur, Sneha Bandekar, **Manjunath S. Hanagadakar**, Santosh S.Nandi, G.M.Ratnamala, Prasad G. Hegde, *Materials Today: Proceedings.* Materials Today: Proceedings 42 (2021) 1112–1121.

C. PAPERS IN CONFERENCES PROCEEDINGS:

Paper presentations in International Conferences:

1. Presented a research paper entitled *"Photo catalytic degradation of lomefloxacin using silver doped Titania nano particles*' in Second International Conference on Advanced Oxidation Processes on October 5-8th, **Kottayam, Kerala, India, 2012.**
2. Presented a research paper entitled "*Ag (I) catalyzed chlorination of linezolid during water treatment: Kinetics and Mechanism"* Fourth INTERNATIONAL CONFERENCE ON "ADVANCED OXIDATION PROCESSES (AOP) – 2016"

December 17–20, 2016 **BITS-Pilani, K. K. Birla Goa Campus, India, in association with SECAS, India**

3. Presented a research paper entitled *"Pd(II) catalyzed chlorination of levofloxacin during water treatment: Kinetics and Mechanism "* The International Conference on Recent Innovations in Engineering on 8th and 9th October 2016 at **Hirasugar Institute of Technology Nidasoshi - 591236, Dist: Belagavi, Karnataka, India**
4. Presented a research paper entitled *Uncatalyzed and Pd (II)-catalyzed kinetics and mechanistic approach of lomefloxacin oxidation by permanganate in acidic media.* **International Conference on "Emerging Technologies in Water, Wastewater Treatment and Solid Waste Management (ETWM-21)", 18th to 20th March 2021.**

Paper presentations in National Conferences:

1. Presented a research paper entitled *"Experimental and Theoretical studies on transformation of emerging contaminant linezolid during water chlorination Process".* in the NATIONAL CONFERENCE ON MATERIALS NCCM-2011 organized by **Tumkur University, Tumkur**, On 28th September **2011.**
2. Presented a research paper entitled *" Kinetics and Mechanism of Silver(I) catalyzed reaction of levofloxacin with aqueous chlorine"* in 31st Annual conference of Indian Council of Chemists held at Department of Chemistry, **Sourashtra University, Rajkot, Gujarat**, on 26th -28th December,**2012.**
3. Presented a research paper entitled *"Transformation of antibacterial agent lomefloxacin by alkaline permanganate: Kinetics and Mechanism."* In 1st National Conference on Emerging Trends in Chemistry And Material Science (ETCM-2014) ,Organized by Department of Chemistry ,**KLS's Gogte Institute of Technology, Belagavi, Karnataka** on 13th October 2014.
4. Presented a research paper entitled "*Oxidation of linezolid by permanganate in acidic medium: Pd (II) catalysis, kinetics and pathways"* In 34th Annual Conference of the Indian Council of Chemists Department of Chemistry, **UKA TARSADIA UniversityBardili, Surat (Gujarat)** on 26th - 28th Dec, 2015.

11. Patents/Copyrights/IPR (If Any)

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12. INVITED TALKS:

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13. RESEARCH PROJECTS *(COMPLETED/ONGOING):*

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

Sl. No.	Topic	Period	Date	Venue
1.	Nanotechnology-"Today's Need" (National Seminar)	Two days	28-29th March 2009	S. D.V.S Sangh's. S.S.Arts & T.P. Science Institute, Sankeshwar
2.	Research Methodologies & Report Writing (Workshop)	Two days	25-26th May 2009	K.L.S. Gogte Institute of Technology, Belagavi.
3.	"Applications of Mathematics in Engineering" (Workshop)	Two days	30st -31th 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	7th -8th March 2014	The Institute of Engineers (India) Local Center, Belagavi.
5	NBA-SAR filling & Preparedness for assessment	Three days	15th -17th September 2017	Hirasugar Institute of Technology,Nidasoshi.

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

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16. ANY OTHER SIGNIFICANT INFORMATION:

Worked as VTU Belagavi ,BOE member in Chemistry during the academic year-2020-2021

Dr. Manjunath S. Hanagadakar