

CURRICULUM VITAE

Dr. Manila

Date of Birth: 21 Feb, 1982

Nationality: Indian

Marital Status: Married

Occupation: Assistant Professor (stage 2)

Address: Department of Chemistry, Kanya Gurukula Campus, Gurukula Kangri Vishwavidyalaya, Haridwar-249 404

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Educational Qualification

Examination/Degree	Board/University	Year	Division
High School	CBSE, New Delhi	1998	I
Intermediate	Punjab School Education Board	2000	I
B.Sc.(PCB)	Guru Nanak Dev University, Amritsar	2004	I
M.Sc. (CMCA)	Gurukula Kangri Vishwavidyalaya, Haridwar	2006	I
Ph.D (Chemistry)	Gurukula Kangri Vishwavidyalaya, Haridwar	2009	-

Research & Teaching Experience

- Three years research experience in Physio-organic and Instrumental Chemistry under the supervision of Dr.R.D.Kaushik, Professor & Head, Department of Chemistry, Gurukula Kangri Vishwavidyalaya, Haridwar
- Doctrate was accomplished in June, 2009.
- The research topic was “Kinetics and Mechanism of Mn (II) catalyzed periodate oxidation of monosubstituted anilines”
- Research supervision commenced from September 2015 onwards
- Number of research scholars presently working: 03
- Assistant Professor in the Department of Chemistry, Kanya Gurukula Campus, Haridwar from 23rd March 2011 onwards
- Worked as an Ad-hoc lecturer in Kanya Gurukula Campus, Haridwar from 23rd August 2009 to 22nd march 2011.

Membership of academic bodies

1. Indian Council of Chemists, Agra, India.
2. Indian Science Congress Association, Kolkata, India.

Orientation Course Attended

Orientation course held at the ASC, University of Jammu from January 10-7 February 2013

Refresher Course Attended

Refresher course in pure sciences held at Guru Nanak Dev University, Amritsar from May 15,2014 - June 4,2014

Refresher course in Research Methodology held at UGC-HRDC, Punjabi University, Patiala from Dec. 01,2018 – Dec. 21,2018.

Participation in Conferences / Workshops / Symposiums

1. 94th Annual conference of Indian Science Congress held at Annamalai University, Annamalainagar, Chidambaram, January 3 to 7, 2007.
2. 27th Annual Conference of Indian Council of Chemists, 26-28 December, 2008 in Gurukul Kangri University, Haridwar.
3. GTGE Jan 27-30, 2010 in C.C.S. University, Meerut
4. 98th Indian Science Congress held at S.R.M. University, Chennai January 3 to 7, 2011
5. Workshop on Scientific Computing : Theory and Practices organized by Department of Applied Mathematics, Faculty of Engineering & Technology, Gurukul Kangri Vishwavidyalaya, Haridwar from 8-13 October 2012.
6. Progress in Electronics & Allied Sciences held at Faculty of Engineering & Technology, Gurukul Kangri Vishwavidyalaya, Haridwar from 3-4 November 2012.
7. National conference on electrochemistry for cleaner environment held at Jiwaji university, Gwalior, jan 17-18, 2014
8. 101st annual conference of Indian science congress held at University of Jammu, Jammu, feb 3-7, 2014
9. National symposium on innovations in science and technology for inclusive development held at Gurukula Kangri Vishwavidyalaya, Haridwar, feb 16,2014
10. National conference on innovations in science and technology for inclusive development held at Department of Chemistry, CCS university, Meerut, mar 22-23, 2014

11. Regional symposium on Technovations for inclusive human development held at Faculty of engineering and technology, Gurukul Kangri Vishwavidyalaya, Haridwar, oct 12, 2014
12. 102nd Indian Science Congress held at University of Mumbai, Mumbai January 3 to 7, 2015
13. National conference on science and technology for human development held at department of Ancient history, culture & archeology, G K V, Haridwar, March 20-21, 2015
14. National conference on science and technology for indigenous development in india held at Faculty of Engineering & Technology, G K V, Haridwar, September 28-30, 2015
15. 103rd Indian Science Congress held at University of Mysore, Mysuru January 3 to 7, 2016
16. Workshop on Soft skills and creative writings organized by UGC-HRDC, Guru Nanak Dev University, Amritsar from 4-10 October 2016
17. National conference on Science and Technology for National development held at Department of Chemistry, G K V, Haridwar, November 20-22, 2016.
18. 3rd International conference on Recent Innovations in Science, Technology, Management and Environment held at Indian Federation of United Nations Associations, New Delhi on 18 December, 2016
19. International conference on latest Concepts in Science, Technology, Management and Humanities (ICLCSTMH) held at Gwalior Institute of Information Technology, Gwalior on 17 December, 2017.
20. National conference on Technological Empowerment for Women organized by National Academy of Sciences, India (NASI) held at Vigyan Bhawan, New Delhi on 8-9 March, 2018.
21. National conference on Organic Molecules as Synthons & Reagents for Innovations held at Department of Chemistry, IIT, Roorkee on 8-10 Feb. 2019.
22. National conference on Emerging trends and future challenges in Science held at Department of Chemistry, Shri Guru Ram Rai (PG) College, Dehradun on 27-28 Feb. 2019.
23. 24th International conference of International academy of Physical Sciences (CONIAPS-XXIV) on innovation in physical sciences held at Faculty of Science, CCS, Meerut on 09-11 August, 2019.
24. International conference on “Advances and Innovations in Agriculture & Allied sciences(AIAAS-2020) organized by Society for Agriculture & Allied Research (SAAR) held at JNU Convention Centre, New Delhi on 31 Jan -01 Feb, 2020.
25. Workshop on Research Methodology organized by UGC-HRDC, University of Jammu, Jammu from 18-22 Jan 2021.
26. International conference on “Applied sciences & Engineering (ICIRASE-2021) organized by Department of Applied Sciences and Humanities, RIT, Roorkee held from 20-21 Feb, 2021.

Research Publications

1. "Kinetics and Mechanism of Oxidation of *m*-Anisidine by Periodate Ion", *Asian J.Chem.*, 22(3) (2010), 2090-2098. [**SCI/ SCOPUS Indexed**] [ISSN: 0970-7077(Print), 0975-427X(online)][Impact Factor: 0.994(2002), 0.406(2013)]
2. "Kinetics and Mechanism of periodate oxidation of *p*-anisidine in Acetone-water medium", *Oxid. Commun.* (Bulgaria), 33(3) (2010), 519-528. [**SCI/ SCOPUS Indexed**] [ISSN: 0209-4541][Impact Factor: 0.688(2006), 0.419(2013)]
3. "Uncatalysed non-malapradian periodate oxidation of aromatic amines- an overview". *J. Indian Chem. Soc.*, 91 (2014), August issue, In Press, 8, 1483-1490. [**SCI/ SCOPUS Indexed**] [ISSN: 0019-4522 [Impact Factor: 0.466(2011)]
4. "Application of periodate oxidation of N,N-diethyl-*m*-toluidine for nanogram determination of Manganese", *Int.J.ChemTech Res.*,6(5) (2014), 2695-2703, [**SCOPUS Indexed**] [ISSN: 0974-4290][Impact Factor: 0.635(2013)]
5. "Mn(II) catalysed periodate oxidation of anilines- Thermodynamic and isokinetic studies" *Int. J. ChemTech Res.*, 6(5) (2014), 3122-3130, [**SCOPUS Indexed**] [ISSN: 0974-4290] [Impact Factor: 0.635(2013)]
6. "Kinetics of oxidation of methyl dopa by periodate ion in aqueous medium " *Int. J. Pharm Tech Res.*, 6(5), 1509-1517, [**SCOPUS Indexed**] [ISSN: 0974-4304] [Impact Factor: 0.852(2013)]
7. "New kinetic-spectrometric method for determination of doxycycline hyclate in aqueous formulations, tablets and capsules" *J. chem. Pharm. Res.*, 6(7) (2014), 2752-2758, [**SCOPUS Indexed**] [ISSN: 0975-7384] [Impact Factor: 0.481(2013)]
8. "Mn(II) catalyzed periodate oxidation of N,N-dimethyl-*p*-toluidine-A kinetic and mechanistic study", *Res. J. Pharm. Biol. Chem. Sci.*, 5(4) (2014) [**SCOPUS Indexed**] [ISSN: 0975-8585] [Impact Factor: 0.35(2013)]
9. "Development and Validation of kinetic-spectrophotometric method for determination of methyl dopa in aqueous formulations and tablets", *Der Pharma Chemica*, 6(4) (2014) [**SCOPUS Indexed**] [ISSN: 0975-413X] [Impact Factor: 0.35(2013)]
10. "Kinetics and Mechanism of Mn(II) catalyzed Periodate Oxidation of *p*-anisidine:Effect of pH", *Bulletin of Chemical Reaction Engineering and Catalysis*, 9(3) (2014) [**SCOPUS Indexed**] [ISSN: 1978-2993] [Impact Factor: 0.35(2013)]
11. "Applications of Oxone in Chemical kinetics, Synthetic chemistry and environmental chemistry: A review", *Environment Conservation Journal*, 18(3) (2017) [ISSN: 0972-3099] [Impact Factor: 0.854(2017)]
12. "A kinetic spectrophotometric analysis of oxidation of a potential pollutant ortho aminophenol by potassium monopersulfate for its conversion into less toxic compound", *Rasayan Journal of Chemistry*, 13 (3), (2020) [**SCOPUS Indexed**] [ISSN: 0974-1496] [e-ISSN: 0976-0083] [Impact factor: 1.22 (2020)]

13. "Uncatalyzed peroxomonosulphate degradation of para aminophenol, a potential pollutant", Pollution Research, 39 (2) : 461-467 (2020) [**SCOPUS Indexed**] [ISSN 0257-8050][impact factor: 0.21 (2020)]

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