

Curriculum Vitae

Dr. NEELAM PANKAJ LOHAKARE

Assistant Professor

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CAREER OBJECTIVE

To devote myself in the field of research seeking challenging position in environment that will allow growth, recognition and opportunities for taking innovative steps.

ACADEMIC QUALIFICATIONS

Ph.D. (June 2017)	Awarded in July 2017 , entitled "Separation of metal ions from waste water by adsorption on activated carbon derived from <i>Tridax procumbens</i> " under the guidance of Prof. D. V. Parwate at Dept. of Chemistry, RTMNU, Nagpur.
B.Ed. (2012)	Passed in second class with 62.00% from R.T.M. Nagpur University, Nagpur in summer 2012 .
M.Sc. (2011)	Passed in first class with 66.50% having specialization in Analytical Chemistry and Nuclear Chemistry as an elective subject from Department of Chemistry, R.T.M. Nagpur University, Nagpur in summer 2011 .
B.Sc. (2009)	Passed in first class with 73.28% having subjects Chemistry, Physics, Mathematics from Nevjabai Hitkarini Mahavidyalaya, Bramhapuri, R.T.M. Nagpur University in summer 2009 .
HSC	Passed in first class in summer 2006 (Maharashtra state Board) .
SSC	Passed in Distinction in summer 2004 (Maharashtra State Board) .

PROFESSIONAL EXPERIENCE

MGM CET, Kamothe, Navi Mumbai	Assistant Professor	2017-2021
<ul style="list-style-type: none"> • Currently working as Assistant Professor at Mahatma Gandhi Mission's College of Engineering, Kamothe, Navi Mumbai. • Develop and design curriculum plans, revise course contents and methods of instruction to foster students learning. • Evaluate and grade students' class work, laboratory performance, assignments and papers. • Prepare workbook for first year Engineering students. • Perform administrative duties such as Class-in-Charge, Member of Time Table Committee. • Organized workshop on "Industry Ready Activities" • Prepare and submit required reports related to first year activities. • Regular Analysis of academic performance of the students and present it to the management. • Stay informed about current developments in field of specialization. • Participate in training sessions or professional meetings to develop or maintain professional knowledge. • Establish, teach and monitor students' compliance with safety rules for handling chemicals, equipment, and other hazardous materials. • Maintain student attendance records, grades, and other required records. • Advise students on academic and vocational curricula and on career issues. • Participate in campus and community events. • Participate in the administration of the department's programmes of study and other activities as requested. • Contribute to departmental, faculty, groups or committees as requested. 		

RTMNU, Nagpur	Lecturer	2012 – 2016
<ul style="list-style-type: none"> • Four years Post graduate teaching experience in Analytical Chemistry at Dept. of Chemistry, RTMNU, Nagpur • To teach at graduate and post graduate level in Chemistry • To carry out research and produce publications, or other research outputs • To supervise or assist with the project of graduate and undergraduate students • To contribute to the development, planning and implementation of a high quality curriculum. • To assist in the development of learning materials, preparing schemes of work and maintaining records to monitor student progress, achievement and attendance. • To participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department. • To participate in the development, administration and marking of exams and other assessments. • To participate in the administration of the department's programmes of study and other activities as requested. • To contribute to departmental, faculty, groups or committees as requested. • To maintain own continuing professional development. 		

Hislop College, Nagpur	Lecturer	2013 – 2015
<p>Two years Post graduate teaching experience in Inorganic and Analytical Chemistry at Dept. of Chemistry, Hislop college, Nagpur</p>		

PROJECT EXPERIENCE

- I have worked with various instruments like **HPLC, UV-Visible spectrophotometer, Spectronic 20D+, Flame Photometer (CL22D), Electrolytic analyzer (Toshniwal CM16), Conductometer (CM185, CC-03), Potentiometer (Agronic DPM.,LT-32), Geiger-Muller counter (GC602), Gamma ray spectrometer (GR611M), pH meter (LI-10T), Neutron Howitzer (TY NH-11), Gamma chamber 900.**
- Extensive experience in **removal of metals** from waste water using different analytical techniques.
- Expertise in Ion Exchange, Solvent extraction and chromatographic techniques.
- Exposed to retrieve the data from Chemical abstracts, Journals and patents.
- Responsibility of monitoring and implementation of safe work practices in the lab.
- Well exposed to safety, health and environmental procedures.
- Project and thesis writing.

PRESENTATION IN INTERNATIONAL CONFERENCES

- Poster presentation in Innovation in Chemistry- Laboratory to Society (ICLS- 2013) on **"Separation of Zn(II) and Cd(II) from synthetic waste water by adsorption on activated carbon derived from *Tridax procumbens*"** at North Maharashtra University, Jalgaon on 11th March 2013.
- Poster presentation in International Conference on Global Opportunities For Latest Developments in Chemistry and Technology (Gold CT-2014) on **"Removal of dye from synthetic waste water by adsorption on activated carbon derived from *Tridax procumbens*"** at North Maharashtra University, Jalgaon from 6th -8th February 2014.
- Poster presentation in International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciences (ICFM-2015) on **"Simultaneous exclusion of dyes from synthetic waste water by adsorption on activated carbon derived from *Tridax procumbens*"** at Nagpur from 5th -7th February 2015.

PAPER PUBLICATIONS

- **Separation of Zn(II) and Cd(II) ions from synthetic waste water by adsorption on activated carbon derived from *Tridax procumbens*, *Analytical Chemistry Letters, Taylor and Francis online*, 4(2) (2014) 113–122.**
- **Removal of dye from synthetic waste water by adsorption on activated carbon derived from *Tridax procumbens*, *Journal of Advances in Science and Technology* (ISSN No. 0971-9563), 14(2) (2014) 15–17.**
- **Separation of Ni(II) and Hg(II) ions from synthetic waste water by adsorption on activated carbon derived from *Tridax procumbens*, *International Journal of Innovative Research in Science, Engineering and Technology* (ISSN No. 2319-8753), 4(12) (2015) 12050- 12053.**

NATIONAL CONFERENCE ATTENDED

- Attended the Orientation Programme on the revised syllabus 2019 of Engineering Chemistry for First Year Engineering at Terna Engineering College, Nerul, Navi Mumbai on 18th September 2019.
- Attended National conference on 'Integration Human Values in Professional Education' held at MGM's College of Engineering and Technology, Kamothe, Navi Mumbai on 12th – 13th June 2018.
- Attended National conference on 'Challenges in Engineering Teaching and Research' held at MGM's College of Engineering and Technology, Kamothe, Navi Mumbai on 3rd – 4th June 2018.
- Organised Two days Workshop on 'Introduction to Industry Ready Activities' at MGM's College of Engineering and Technology, Kamothe, Navi Mumbai on 12th- 13th October 2018.
- Attended National conference on 'Energy, Water and Chemical Advanced Technologies for Green Environment' held at MGM's College of Engineering and Technology, Kamothe, Navi Mumbai on 2nd October 2018.

FACULTY DEVELOPMENT PROGRAMME

- Successfully completed the Faculty Development Programme approved by NPTEL – AICTE on "Infrared Spectroscopy for Pollution Monitoring"
- Successfully completed the Faculty Development Programme approved by NPTEL – AICTE on "Enhancing Soft Skills And Personality"
- Successfully completed the Certification Programme approved by NPTEL – AICTE on "Corrosion Part - I"
- Successfully completed the 5 Days Online Faculty Development Programme on "Development and Impact of Recent Technologies & Innovations in Chemical Engineering" Organized by MGM's College of Engineering and Technology, Kamothe, Navi Mumbai from 21st – 25th June 2020.
- Successfully completed the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" Organized by Jhulelal Institute of Technology, Nagpur in association with ISTE and UPGRAD from 6th – 11th MAY 2020.
- Successfully completed the One Week International Faculty Development Program on "Innovative Trends in Engineering and Technology" Organized by IQAC, Shree L R Tiwari College of Engineering, Mira Road from 25th – 29th MAY 2020.

WEBINAR ATTENDED

- Attended the National Webinar on "Gamified Strategies in the Classroom" organized by the Department of Commerce, Don Bosco Arts and Science College, Kilpauk, Chennai on 22th May 2020.
- Attended the National Webinar on "Teachers are Leaders" organized by IQAC- Bharati Vidyapeeth, College of Engineering (BVCOE) Navi Mumbai on 23rd MAY 2020.

➤ **One of the Translator for Translation project of SWAYAM AICTE**

PERSONAL PROFILE

Date of Birth : 9th July 1989
Address : E- 706, Platinum Liviano, Plot No. 58,59, Sector – 35, Kamothe, Navi Mumbai - 410209
Gender : Female
Hobbies : Listening to music, reading books, playing Hockey & Badminton
Marital Status : Married
Languages known : English, Marathi and Hindi.

REFERENCES

Will be provided on request