

## **Dr. Nidhi Gaur**

**Present designation:**

**Assistant Prof.,**

**Department of Chemistry,**

**Alankar Mahila P.G.Mahavidyalaya,**

**Jaipur**

### **Academic Qualifications**

1. **Ph.D.** awarded from University of Rajasthan, Jaipur.  
Title of thesis : Studies and analysis of heavy metal ions in human blood samples
2. Qualified **CSIR- NET** in June 2011.
3. **M.Phil. in Chemistry** from Vikram University, Ujjain, in 2007 with 73%.
- 4 **M.Sc.in Chemistry** from R.R. College, Alwar in 2005 with 66%.
- 5 **B.Sc in (CBZ) from** G.D. College, Alwar in 2003 with 75%.
- 6 **Senior Secondary from** BSER, Ajmer in 2000 with 71%
- 7 **Secondary from** BSER, Ajmer in 1998 with 85%.

### **Work Experience**

- Currently, working as Assistant Prof. of Chemistry in Alankar P.G.Girls College, Jaipur since Aug., 2011.
- Worked as a lecturer of Chemistry in SBNITM, Jaipur for 1 year.
- Worked as a guest faculty of Chemistry in Govt. Polytechnic College, Alwar in 2008.
- Worked as a guest faculty of Chemistry in Govt,Sen.Sec. School in Alwar.

## Personal strength

- Dedication towards work
- Communication skills
- To have patience during adverse conditions
- Strong willpower to get knowledge
- Positive attitude

## List of Publications

1. Romila Karnawat, Rita Gupta, Ajit Kumar Swami, Dinesh C Sharma, Asif Ahmed, Gaurav Sharma, Manoj Kumar, Prashant Sharma, **Nidhi Gaur** and Manas Mathur “Phytochemical Investigation For Therapeutic Potential Of Some Medicinal Plants: A Novel Interrogative Approach”, *International Journal of Recent Scientific Research*, 4(6) (2013), 915-921.
2. Ginni Kumawat, Swati, **Nidhi Gaur**, P.S.Verma, R.Karnawat, “Estimation of pesticides residues in human blood samples of occupational and non-occupational residents of Rajasthan”, *International Journal of Recent Scientific Research*, 7(6), (2016), 11658-11664.
3. Ginni Kumawat, Swati, **Nidhi Gaur**, P.S.Verma, R.Karnawat, “Adsorption Studies of methyl parathion on papaya seed activated carbon: An Eco-friendly Approach”, *World Journal of Pharmaceutical Research*, 5(4), (2016), 907-918.
4. Ginni Kumawat, Swati, **Nidhi Gaur**, Swati Jha, P.S.Verma, R.Karnawat, “Exploring the potential of *Catharanthus roseus*, *Ricinus communis*, *Carrica*

*papaya and Annona squamosa* used as biopesticides” *International Journal of Environmental Sciences*, **6**(5), (2016), 766-774

5. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, P.S.Verma, I. K. Sharma, “Exploring the potential of momordicin as bio chelator for the complexation with heavy metals: remedial approach” *World Journal of Pharmaceutical Research*, **6**(3), (2017), 959-969
6. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, P.S.Verma, I. K. Sharma, “Quantitative estimation of heavy metals (As, Hg, Cd and Pb) in human blood samples collected from different areas of Rajasthan”, ‘**Innovations in Chemical Science and Technology**’, published by Apple Academic Press and distributed by Taylor & Francis Group. (Oct. 2018)
7. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, P.S.Verma, I. K. Sharma, “Evaluation of chelating tendency of gallic acid as a detoxifying agent: an innovative approach”, *International Journal of Recent Scientific Research*, Vol. 9, Issue, 1(I), pp. 23470-23474, January, 2018.
8. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, “A perusal about impact of pesticides on water quality”, *Water crisis and sustainable management* published by Shivam Book House, Jaipur. (2019-20)
9. Romila Karnawat, Rajesh Gupta, **Nidhi Gaur**, Dinesh Chandra Sharma, “Jal ki shudhata ki vartaman paridrashya me vaigyanik prasangikta va samiksha” *Sansadhan Prabandha: Mudde avm chunoutiya*” published by Shivam Book House, Jaipur. (2021).
10. Nidhi Gaur, Romila Karnawat, Dinesh Chand Sharma, “A Review Article on COVID – 19 and It’s Consequences” *Sustainable Development Goals and Sustainability* published by Raj Publishing House.

## Abstracts published

1. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, “Study of heavy metals in human blood samples: A toxicological evaluation” published in ECMSE 2012, held on Dec.20-22,2012.
2. Ginni Kumawat, **Nidhi Gaur**, Romila Karnawat, I. K. Sharma, P. S. Verma, “ Adsorption Studies for Removal of Methyl Parathion from Water Using Papaya Seeds: An Eco- Friendly Approach” published in International Workshop on Chemistry for A Sustainable Future held on Dec. 10-12, 2012.
3. “Phytochemical investigations for therapeutic potentials of some medicinal plants- A novel interrogative approach” published in International Conference on New Emerging Trends in Chemistry held on Mar.3-4,2013.
4. Ginni Kumawat, **Nidhi Gaur**, Romila Karnawat, P.S. Verma, “Exploring the Potential of *Cucurbita Pepo* Seeds in Removal of Pesticides by Adsorption Studies from Aqueous Solutions: An Eco-Friendly Approach” published in NCCT-2014 held on Oct. 16-18, 2014.
5. Ginni Kumawat, **Nidhi Gaur**, Romila Karnawat, I. K. Sharma, P. S. Verma, “Complexation of Allicin With Certain Heavy Metals: An Innovative Approach” published in FCASI – 2015 held on Mar. 13-14,2015.
6. **Nidhi Gaur**, Ginni Kumawat, R. Karnawat, “Binding of heavy metals to the chelation therapy agents: A remedial approach” published in SCMS -2016 held on Aug. 5-6, 2016.
7. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, I. K. Sharma, P. S. Verma, “ Exploring the potential of momordicin as bio chelator for the complexation with heavy metals: Remedial approach” published in 52<sup>nd</sup> Annual

Convention of Chemists and International Conference on Recent Advances in Chemical Sciences held on Dec. 28-30,2015.

8. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, I. K. Sharma, P. S. Verma, “Exploring the potential of bio chelators and physico chemical studies of their heavy metal complexes” published in FCASI-2016 held on April 25-26, 2016.
  9. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, “ biochelator k roop me gallic acid ki kshmta ka aaklan” published in
  10. **Nidhi Gaur**, Ginni Kumawat, Romila Karnawat, I. K. Sharma, P. S. Verma, “Exploring the potential of allicin as biochelator in heavy metal detoxification” published in FCASI-2017 held on July 22-23, 2017.
- Nidhi Gaur**, Romila Karnawat, “The role of ecotoxicology in environment protection”, published in International Conference on Multidisciplinary Approaches to Environmental Research for Human Health held on Dec. 22-24, 2021.

### Training/ Orientation Program Attended

1. Six months dissertation work during M.Phil. from **Sona Distilleries**, UB Groups, Alwar under supervision of Dr. Uma Sharma, Professor in Vtkram University, Ujjain.
2. 4- Week Induction/ Orientation Programme for “ Faculty in Universities/ Colleges/ Institutes of Higher Education” from June 26 – July 24, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.

3. International One Week Faculty Development Programme on Research Methodology from May 2-May 7, 2022 organized by Kamla Nehru Mahavidyalaya, Nagpur.

### **Work Shops and Seminars Attended**

- 1 Attended one day National Seminar on “Chemistry in our Lives” held in University of Rajasthan, Jaipur on Dec. 12,2011.
- 2 Participated in Poster Presentation Session of International Workshop on “Chemistry for A Sustainable Future” held by Department of Chemistry, University of Rajasthan, Jaipur in Dec,2012.
- 3 Participated in Poster Presentation Session of International Conference on “New Emerging Trends in Chemistry” held by IIS University, Jaipur in March 2013.
- 4 National Conference on Emerging Areas in Chemical Education & Research and National Convention of Chemistry Teachers on Oct. 16 – 18, 2014 held at the IIS University, Jaipur.
- 5 National Conference on Frontiers at the Chemistry- allied Sciences Interface held on Mar. 13-14, 2015 at University of Rajasthan, Jaipur.
- 6 The 52<sup>nd</sup> Annual Convention of Chemists and International Conference on Recent Advances in Chemical Sciences held on Dec. 28-30, 2015 at JECRC University, Jaipur.
- 7 International Conference on Frontiers at the Chemistry- Allied Sciences Interface held on Apr. 25-26, 2016 at University of Rajasthan, Jaipur.
- 8 National Conference on Sustainable Chemical & Material Sciences held on Aug. 5-6, 2016 at S.S.Jain Subodh P.G.College, Jaipur.

- 9 International Conference on Frontiers at the Chemistry- Allied Sciences Interface held on July 22-23, 2017 at University of Rajasthan, Jaipur.
- 10 Training of Trainers Workshop on Intellectual Property Rights organized by Technology & Innovation Support Centre, Department of Science & Technology, Government of Rajasthan on Jan. 12-13, 2020.
- 11 International Conference on Multidisciplinary Approaches to Environmental Research for Human Health held on Dec. 22-24, 2021.

The information furnished here is true to the best of my knowledge and belief.

**(Nidhi Gaur)**