
DR. DEEPIKA SHARMA

Professional Qualification

Total 12 + years of professional experience in the field of teaching and research

- ✓ Presently working as Assistant Professor in **Alankar PG Mahila Mahavidyalaya, Jaipur** (from 2020 to till date)
- ✓ **1 year** of U.G. classes teaching experience as Lecturer in **R. K. Patni Girls College Kishangarh(Ajmer)**, 2016- 2017
- ✓ **1 year** of U.G. classes teaching experience as Lecturer in **D.A.V. College Ajmer**, 2015- 2016.
- ✓ **1 year** teaching experience as guest faculty in **Govt. Women's Engineering College Ajmer**, 2013- 2014.
- ✓ **4 years** of U.G. and P.G. classes teaching experience, as a lecturer in Chemistry, **Kuchaman College, Kuchaman City (Nagour)**, 2006-08 and 2011-2013
- ✓ **1 year** of U.G classes teaching experience, as Guest Faculty in Chemistry, in **J.N.V.University, Jodhpur**, 2010-2011.
- ✓ **1 year** of P.G. and U.G. classes teaching experience, as a lecturer(against **TRF**) in Chemistry, in **S.D. Govt. College, Beawar**, 2008-2009.
- ✓ **3 years** of working experience as an Analytical chemist in government-approved laboratory **GURU KRIPA TEST HOUSE, AJMER** From 2001- 2004.

Research Experience

- ✓ **2.5 years** experience of research in Ph.D. on "**Studies on structure - Rate relationship in some electron transfer reactions**"- 2009-2011.
- ✓ Worked as Project Fellow for a period of **18 months** in a research project funded by UGC, New Delhi, entitled "**Removal of fluoride from drinking water.**"-2009-2011.
- ✓ **1 year** research experience in M.Phil on "**Geochemical Study of Water-Quality of Pushkar Lake and Ground Water of some Villages of Pushkar Subtehsil**"- 2003-2004.
- ✓ **45 days** of Practical training and project work at "**BHABHA ATOMIC RESEARCH CENTER (BARC) - BOMBAY.**" Project - "**Characterization of Copper with Respect to Trace Impurities using Morden Analytical Techniques**" - May-June 2001.

Educational Qualification

Degrees	Year	University/Board	%	Division
Ph.D. (Chemistry)	2011	J.N.V. University, Jodhpur	Awarded (Exempted from NET/SLET/SET)	
B.Ed. (Science)	2006	M.D.S. University, Ajmer	73.50%	I
M.Phil (Chemistry)	2004	M.D.S. University, Ajmer	61.25%	II
M.Sc.(App. Chem.)	2003	M.D.S. University, Ajmer	70.25%	I
B.Sc.(P.C.M.)	2001	M.D.S. University, Ajmer	67.25%	I
Sr. Sec. (P.C.M.)	1998	R.B.S.E	65.38%	I
Secondary	1996	R.B.S.E	79.63%	I

Paper Published

1. Oxidation of Lower Oxyacids of Phosphorous by Tetraethylammonium Chlorochromate: A Kinetic and Mechanistic Study.
Khushboo vadera, **Deepika Sharma**, S. Agarwal, and Pradeep K. Sharma
Indian J. Chem., 2010, **49A**, 302.
2. Structure-reactivity correlation in the oxidation of substituted benzaldehydes by quinolinium bromochromate.
S. Pohani, **D. Sharma**, P. Panchariya, and Pradeep K. Sharma
J. Ind. Council Chem., **27(2)** 2010, 122.
3. Structure reactivity correlation analysis in the oxidation of some organic sulphides by Tetraethylammonium chlorochromate.
D. Sharma, P. Panchariya, K Vadera, and Pradeep K. Sharma
J. Sulphur Chem., **32(4)**, 2011, 315-326
4. Kinetics and mechanism of the oxidation of organic sulfides with bis (pyridine) silver Permanganate.
Jayshree Banerji, K. K. Banerji, Laszlo Kotai, **Deepika Sharma**, and Pradeep K. Sharma
J. Indian Chem. Soc., **88**, 2011, 1879-1886.
5. Oxidation studies of aliphatic secondary alcohols by Imidazolium Fluorochromate: A Kinetic and Mechanistic Approach.
Deepika Sharma, P. Pancharia Shweta Vyas, L. Kotai, and Pradeep K. Sharma
Int. J. Chem., **1(1)**, 2012, 29-37.
6. Kinetics and mechanism of the oxidation of DL-methionine by Tetraethylammonium Chlorochromate.
P. Pancariya, T. Purohit, **D. Sharma**, N. Malani, L. Kotai, and P. K. Sharma
J. Indian Chem. Soc., 2012, 89(9), 1203-1207.
7. Kinetics study of oxidation of lower oxy acids of phosphorus by quinolinium chlorochromate
Jagrity Khary, **D. Sharma**, S.Vyas, Om Prakash, and Vinita Sharma

Int. J. Chem., 2012, 1(3) 353-360.

8. Structure – Reactivity correlation in the oxidation of substituted benzyl alcohols by Imidazolium Fluorochromate
Poonam, **D Sharma**, P panchariya, P purohit and Pradeep K. Sharma
Eur.Chem. Bull., 2012,**2(10)** 816-824
9. Oxidation of some aliphatic aldehydes by imidazolium fluorochromate. A kinetic and mechanistic study **D. sharma**, P.Pancharia, S.Vyas, P.K. Sharma *Oxid. Commun.*35, No 4, 821-831 (2012)

Webinars Certification

- ✓ International Webinar on “**Empowering Diversity in science**” organized by Department of **Chemistry (GWB 2022)**, Kamla Nehru Mahavidyalaya Nagpur on 16 Feb 2022.
- ✓ Five days Faculty Development Program on “**Emerging trends of science and Engineering**” (**ETSE 2022**) held from 14th to 18th Feb. 2022 at Regional College for Education Research and Technology Jaipur.
- ✓ International Webinar Series entitled “**Advanced Chemical technique**” **“organized** by the **Department of pure and Applied Chemistry, University of Kota**, on 19, 26, June, and 02, 03 July 2021.
- ✓ International Virtual “**Conference on Frontiers in Chemical Science**”(IVCFCS - **2021**) organized by the **Department of Chemistry, MLSU Udaipur, Rajasthan**, on 26, June 2021.
- ✓ National Webinar entitled “**Environmental Issues and their Remedies**” organized by the **Department of Chemistry & IQAC (SBRM Govt. College, Nagaur)** on 08 January 2021.
- ✓ International webinar on “**Chemistry Solutions to Climate Change: Building Better Future**” conducted **S P C GOVERNMENT COLLEGE, AJMER (INDIA)** on 22nd December 2020
- ✓ International Symposium on “**THE PHYSICAL CHEMISTRY OF MOLECULAR INTERACTIONS**” at Gangadhar Meher University, Sambalpur, Odisha, India, held on December 12-13, 2020.
- ✓ Webinar on “**Sustainable Materials for Energy and Biomedical Applications**” organized by **Department of Chemistry, School of Basic Sciences, Manipal University Jaipur**, on October 28, 2020.
- ✓ Webinar on “**Challenges in Vaccine Development and Therapeutic Application of Chemistry**” organized by **Department of Chemistry School of Basic Sciences Manipal University Jaipur** on July 28 2020.

Conferences and Seminars Attended

- ✓ Science Academies Lecture Workshop on “**Chemistry at the Interface of Biology**”, **Department of Chemistry, School of Chemical Sciences and Pharmacy** at **Central university of Rajasthan** 2nd to 4th March, 2016.

- ✓ National Seminar on **“Scientific & Technical Terminology in Environment and Chemical Sciences ”**, Commission for Scientific & Technical Terminology, MHRD at SRKP Govt. College, Kishangarh, Ajmer 8th to 9th February, 2016.
- ✓ National Conference on **“Green Chemistry and Sustainable Technologies for Society 2016”**, Department of Chemistry and Department of Electrical & Electronics Engineering, Govt. Women Engineering College, Ajmer 11th to 12th January, 2016.
- ✓ National Conference on **“Recent Advancement in Chemical Science (RAICS 2015)”**, Department of Chemistry, MNIT Jaipur 21st to 23rd August, 2015.
- ✓ National Seminar on **“Adaptability of Ecofriendly Chemistry for Engineers ”**, Govt. Mahila Engineering College, Ajmer 18th August, 2015.
- ✓ UGC sponsored National Seminar on **“Emerging Trends in Chemical Science”** (NSETCS-2015) in association with **Indian Chemical Society, Kolkata** 13th to 15th March, 2015.
- ✓ National seminar on **“Pure & Applied Chemical Sciences”** (current trends & future prospects) in association with **Indian Chemical Society, Kolkata** NSPACS 10th to 11th Jan, 2014.
- ✓ **1st Rajasthan Science Congress (RSCA) – “New Frontiers of Science and Technology and innovation for development in Rajasthan”** 11th to 13th May, 2013.
- ✓ UGC sponsored National Seminar on **“Innovative Teaching Methodology for 2D-NMR spectroscopy- A Technique with difference**, Department of Chemistry, **MDS University, Ajmer**, 21st March, 2013.
- ✓ UGC sponsored National Seminar on **“Chemistry of Primates: Green Chemistry ”**, 29th to 30th Nov, 2012, **Department of Chemistry, DAV college, Ajmer**.
- ✓ 7th Biyani International conference -2012 on **“Drug Development; A collaborative Approach of Chemist and Biologist**, 7th Sept, 2012.
- ✓ National Seminar on **“Value Based Education in Nation Context ”**, Govt. PG college, Kishangarh, Ajmer. 20th to 21st October, 2011.
- ✓ **National Symposium on Recent Advances in Chemical Sciences, University of Kota, Kota (Raj.)** January 7th to 8th 2011.
- ✓ **47th Annual Convention of Chemists 2010, INDIAN CHEMICAL SOCIETY Raipur**, 23rd to 27th December 2010.
- ✓ National conference on **“Emerging Views in Advanced Chemistry, M.L.V. College Bhilwara (Raj.)**, December 17th to 19th 2010.
- ✓ DST Workshop on **“Water Purification Possibilities and Prospects”**, Jai Narain Vyas University, Jodhpur, 4th to 5th December 2010

- ✓ Training programme on **“Research Methodology and Instrumentation** Organized by the **University Science Instrumentation Center (USIC), Jai Narain Vyas University, Jodhpur**, 10th to 13th February 2010.
- ✓ **National Seminar on Electro analytical Chemistry, Jai Narain Vyas University, Jodhpur**, 8th to 10th February 2010.
- ✓ **46th Annual Convention of Chemists 2009, INDIAN CHEMICAL SOCIETY, Vellore**, 2nd to 6th December 2009.
- ✓ National workshop on **Promoting Excellence in Research PER-2008, Maharishi Dayanand Saraswati University, Ajmer** November 5th to 7th 2008.

Date

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