



Dr. Vandana Sankhla

Assistant Professor (Zoology)

Government Girls College, Kherwara

Udaipur, Rajasthan

Educational Qualifications

1. **PhD in Toxicology and Cytogenetics , MLSU Udaipur (2012)**
2. **B.Ed, MLSU Udaipur (2012)**
3. **M.Sc in Zoology, MLSU Udaipur (2004)**
4. **B.Sc ,MLSU Udaipur (2002)**
5. **Senior Secondary, RBSE (1999)**
6. **Secondary, RBSE (1997)**


Additional Qualifications

1. **Qualified RSET (Rajasthan state eligibility test for lectureship) in 2012**
2. **Qualified GSET (Gujarat state eligibility test for lectureship) in 2016**

Research Publications

1. Meenakshi Mahur and Vandana Sankhla (2020): Snakes: false beliefs and their actual facts Journal of arts, humanities and social sciences SHODH SARITA . 7 (25) 41-42.
2. Preeti singh, Sweety Gupta, Priya Mogra, Vandana Sankhla. (2015): Molecular mechanism of cadmium toxicity through oral route. Journal of chemical, biological and physical sciences. Vol. 5 (2), 1538-1545.
3. Preeti singh, Vandana Sankhla, Kanchan Deora, Priya Mogra, Abha Patni. (2012): Ameliorative effect of curcumin on cadmium chloride induced alterations in haematological parameters of Swiss albino mice. Journal of Herbal Medicine and Toxicology, 6 (2) 17-21.
4. Preeti Singh, Kanchan Deora, Vandana Sankhla, Priya Mogra. (2012): Curcumin rendered protection against cadmium chloride induced testicular damage in Swiss albino mice. Journal of Cell and Molecular Biology 10(2):31-38.

5. Preeti Singh, Priya Mogra, Habiba Bano, Vandana Sankhla, Kanchan Deora, Sushil Barolia and Sudha Javeria (2012): Protective and preventive effects of curcumin against cadmium chloride induced gastrointestinal toxicity in Swiss albino mice. World Journal of Science and Technology 2 (12):10-17.
6. Preeti Singh, Priya Mogra, Vandana Sankhla and Kanchan Deora (2011): Protective effect of curcumin on cadmium chloride induced colon toxicity in Swiss albino mice. Journal of cell and molecular biology 9 (1):31-36.
7. Preeti Singh and Vandana Sankhla (2010): In situ protective effect of curcumin on cadmium chloride induced genotoxicity in bone marrow chromosomes of Swiss albino mice. Journal of cell and molecular biology 8 (2):57-64.

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8. Preeti Singh, Vandana Sankhla, Priya Mogra and Abha Patni (2010): Protective effect of curcumin on cadmium chloride induced nephrotoxicity in swiss albino mice. *Journal of Herbal Medicine and Toxicology* 4 (2) 215-219.
9. P. Singh, S. Chaudhary, A. Patni and V. Sankhla (2007): Effect of cadmium chloride induced genotoxicity in bone marrow chromosomes of swiss albino mice and subsequent protective effects of *Emblica officinalis* and vitamin C. *J of Herbal Med and Toxicology* 1 (2) 67-71.

Seminar, workshops, symposium and conferences attended

1. Participated in National Webinar on Science in Daily Life held on 25th March, 2021 organized by Swami Vivekanand Government College Khetri.
2. One week international workshop on online teaching tools SWOT2 organised by Sourashtra college from July 06, 2020 to July 10, 2020.
3. International webinar on impact of covid-19 on the public health and global economy (June 28, 2020) organised by laboratory of public health entomology, Dept of Zoology, University college of Science, MLSU, Udaipur.
4. VII- Rajasthan Science Congress (A national conference on “current scenario in science and technology: facing the challenges and creating opportunities” Oct 14-16, 2019) organized by University college of science, MLSU, Udaipur.
5. Scicon-1 (4-5 Oct 2019) An international conference on emerging challenges, their solutions and recent advances in science.

6. Rajasthan Sociological Association, research paper writing and research methodology workshop (15-21 September 2019) organized by department of sociology, faculty of social sciences and humanities. Bhupal nobles University, Udaipur (Rajasthan).
7. 30th Annual symposium of the society for reproductive biology and comparative endocrinology (SRBCE) & national conference on novel aspects and emerging trends in reproduction and endocrinology.
8. National Seminar on Conservation of Lakes and Water Resources Management Strategies College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology, Udaipur (Raj.). Feb 19-20, 2010.
9. One day workshop on Digital Alternatives to Animal use in Dissection organized by Dept. of Zoology, University College of Science, MLS University, Udaipur (Raj.). Feb 11, 2010.

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10. Acquaintance Programme on Accelerator based Research, Dept. of Physics, MLS University, Udaipur (Raj.)
 11. International conference Folk and herbal medicine organized by department of botany, MLSU, Udaipur.
 12. Workshop on Nanostructured Materials (WNM-09), Dept. of Physics MLS University, Udaipur (Raj.) 24 oct. 2009.
 13. Conference on youth exploring nature for conservation of wetlands and biodiversity. February 5-7, 2012, Udaipur (Raj).
 14. Internatioal Conference on Biomedical and Genomic Research. 29-31, Jan., 2009. Gujrat University, Ahmedabad.
 15. National Conference on Environmental Sciences: Current Status and Emerging Challenges and 9th Annual Meeting of Society for Science and Environment. Nov.16-17, 2007. Udaipur (Raj.)

Research papers presented in conferences

1. In situ protective effects of curcumin on cadmium chloride induced genotoxicity in swiss albino mice. Internatioal Conference on Biomedical and Genomic Research. 29-31, Jan.,2009. Gujarat University, Ahmedabad.
2. Evaluation of haemoprotective effect of curcumin on cadmium chloiride induced toxicity in swiss albino mice. VII- Rajasthan Science Congress (A national conference on “current scenario in science and technology:facing the challenges and creating opportunities” Oct 14-16, 2019) organized by University college of science, MLSU, Udaipur
3. Efficacy of curcumin on cadmium chloride induced nephrotoxicity in swiss albino mice. Scicon-1 (4-5 Oct 2019) An international conference on emerging challenges, their solutions and recent advances in science.

Teaching Fields

1. **Cell biology**
2. **Developmental biology**
3. **Genetics**
4. **Environmental biology**
5. **Human physiology and biochemistry**
6. **Ethology and evolution**
7. **Biotechnology**
8. **Invertebrates and vertebrates**

Teaching Experience

9 years experience of teaching

Orientation Programme, FDP, Short term Courses

1. Completed 7 days NSS online Orientation Training Programme conducted by NSS Empanelled Training Institute, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan from February 18 to February 24, 2021.
2. Completed a State Level Online Short Term Training Programme GYAN GANGA, An Initiative for teaching Learning Excellence in Zoology Commissionerate, College Education, Rajasthan and Government College Kota, Rajasthan, 18-23 January, 2021.
3. Completed a One- week FDP on 'E- learning and developing MOOCs for teaching process in Higher Education' held from December 14- December 20, 2020, organised by the Department of Statistics and IQAC, Hindu College, University of Delhi.

4. Completed One Week Online Faculty Development Programme on Development of E-Content From 8th to 15th June 2020 organised by Shri R.L.T, College of Science, Akola.
5. Completed a 4- week induction/ Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education' from June 04-July 01, 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi.