

➤ **Publications**

Prof. Deepak Pathania

1. K. Sharma, P. Tewatia, M. Kaur, Deepak Pathania, G. Rattan, S. Singal, A. Kaushik, Bioremediation of multifarious pollutants using laccase immobilized on magnetized and carbonyldiimidazole-functionalized cellulose nanofibers, *Science of the Total Environment*, 864, 161137, 2023.
2. G. Rattan, P. Tewatia, M. Kaur, Deepak Pathania, S. Singal, A. Kaushik, Rice straw derived cellulose nanofibers modified with L-histidine for ultra-trace fluorometric assay of Cr(VI) and Hg(II) in aqueous medium, *Journal of Cleaner Production*, Published, 391, 136106, 2023.
3. Sachin Kumar, Dilbag Singh, Deepak Pathania, A. Awasthi and Kulvindhra Singh, Molybdenum disulphide-nitrogen doped reduced graphene oxide heterostructure based electrochemical sensing of epinephrine, *Materials Chemistry and Physics*, 297, 2023, 127446.
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9. Arush Sharma, Ajay Kumar; Manita Kumari, Kajal Sharma and Deepak Pathania, Fabrication of high visible light active LaFeO₃/Cl-g-C₃N₄/RGO heterojunction for solar assisted photo-degradation of Aceclofenac, *Journal of Environmental Management*, Communicated, 2022.
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11. Gagandeep Kour, Richa Kothari, Deepak Pathania, Sunil Dhar, V.V. Tyagi, Impact assessment on water quality in the polluted stretch using a cluster analysis during pre- and COVID-19 lockdown of Tawi river basin, Jammu, North India: an environment resiliency, *Energy, Ecology and Environment*, Springer, 7(5):461-472, 2023.

12. A Kumar, K Sharma, M Thakur, D Pathania, A Sharma, Fabrication of high visible light active LaFeO₃/Cl-g-C₃N₄/RGO heterojunction for solar assisted photo-degradation of aceclofenac, *Journal of Environmental Chemical Engineering*, 22133437, 10, 2022.
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