

## Department of Environmental Studies

- Yadav, Archana, Pankaj Kumar, **Deepak Rawat**, Shafali Garg, Paromita Mukherjee, Furqan Farooqi, Anurag Roy, Senthilarasu Sundaram, Radhey Shyam Sharma, and Vandana Mishra. "Microbial fuel cells for mineralization and decolorization of azo dyes: Recent advances in design and materials." *Science of The Total Environment* (2022): 154038.
- Poria, Pankaj, Harveen Kaur, **Deepak Rawat**, and Vandana Mishra. "Textile Dye-Environment-Human Interactions: Emerging Risks to Environmental Health." In *Environment Health and Society*, edited by Barun Kumar Mishra, Chander Shekar Singh, and Varsha Gupta, 1st ed., 245. New Delhi: Academic Publications Pvt. Ltd., 2021.
- Mishra, Vandana, Udit Sharma, **Deepak Rawat**, David Benson, Mrinalini Singh, and Radhey Shyam Sharma. "Fast-changing life-styles and ecotoxicity of hair dyes drive the emergence of hidden toxicants threatening environmental sustainability in Asia." *Environmental research* 184 (2020): 109253.
- **Rawat, Deepak**, Radhey Shyam Sharma, Swagata Karmakar, Lakhbeer Singh Arora, and Vandana Mishra. "Ecotoxic potential of a presumably non-toxic azo dye." *Ecotoxicology and Environmental Safety* 148 (2018): 528-537.
- Malhotra, Sarthak, Ruchi Mishra, Swagata Karmakar, **Deepak Rawat**, Saurabh Sharma, Savita Singh, Pankaj Kumar, Sirawung Raiping, and Vandana Mishra. "Environmental Factors Shaping Plant-Microbe Associations: Their Significance to Improve Plant Health and Vegetation Restoration in Degraded Lands." In *Introduction to Challenges and Strategies to Improve Crop Productivity in Changing Environment*, edited by Mohammad Wahid Ansari, Savindra Kumar, Babeeta C. Kaula, and Ratnum K. Wattal, 1st ed. New Delhi: Enriched Publications Pvt. Ltd., 2018.
- **Rawat, Deepak**, Vandana Mishra, and Radhey Shyam Sharma. "Detoxification of azo dyes in the context of environmental processes." *Chemosphere* 155 (2016): 591-605.