



Dr.P.Wagdevi

Assistant Professor- Biological Sciences

Department of Humanities and Biological Sciences

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1. ABOUT / PROFESSIONAL PROFILE

Dr. P. Wagdevi is an Assistant Professor in the **Department of Biological Sciences**, School of Engineering at Dayananda Sagar University. She received her PhD in Environmental Science from GITAM (Deemed to be University) in 2022 and M.Sc. in Biotechnology from Bangalore University 2009. She has 7 years of Research experience and her research work is on the Genotoxicity assessment of E-waste on earthworm and area of research focusses on Ecotoxicology. She has one book chapter in Elsevier, published papers in peer reviewed national and international journals. Attended workshops, seminars and 12 conference presentations, including National and International. Certified NPTEL courses, & published a Patent.

2. RESEARCH INTEREST

- Environmental Science
- Genotoxicity
- Ecotoxicology

3.ACADEMIC QUALIFICATIONS

- PhD in Environmental Science- GITAM (Deemed to be University)- 2022
- MSc in Biotechnology- Bangalore University- 2009
- BSc in Biotechnology, Biochemistry, Microbiology- 2007

4. PROFESSIONAL EXPERIENCE

- Assistant Professor of Biological Sciences —Dayananda Sagar University; April 2023 to till date

5. SELECTED PUBLICATIONS (Recent)

1. Tanya Gopal , Vaishnavi Sugumar , Wagdevi P, Seema Tharannum. A Systematic Review on Mycotoxins in Food and Environment: Occurrence, distribution, Impact on human health and Prevention. International Journal of Environmental Sciences, ISSN: 2229-7359 Vol. 11 No. 21s, 2025. pp.2134-2140.

2. Padmaja T, Wagdevi P, Nagaraj B, Busi SK, Indira P. Eco Friendly Contrast Agents and Sustainable Radiology: A Pharmacy-Integrated Review of Science, Technology, and Environmental Stewardship. *Int J Drug Deliv Technol*. 2026;16(69s): 569-575.
3. P. Wagdevi, R. Jayakumar, P. Rajaguru, S. Muralidharan, A. Kaja Maideen and Prakasham Karthikeyan: Determination of Metal Hazard in the Processed E-Waste Types, Floor Dust and Pulverized Epoxy Powder Generated at an E-Waste Handling Site in India. *Asian Journal of Engineering and Applied Technology* ISSN 2249-068X Vol. 8 No. 1, 2019, pp. 55-59
4. Wagdevi P, Jayakumar R, Rajaguru P and Muralidharan S: Atomic Absorption Spectrometer for assessing the inorganic contaminants in processed E waste. 'International Journal of Recent Technology and Engineering (IJRTE)'. Volume-8 Issue-5, January 2020, pp. 3639-3643.
5. P.Wagdevi, R.Jayakumar & P.Rajaguru. Metal recovery from Electronic wastes – can we consider vermin recovery along with the existing methods? *Solid State Technology* Volume: 63 Issue: 1s, 2020.
6. N.V. Krishna Prasad, R. Jayakumar, P. Wagdevi, and S. Ramesh. Application of biosurfactants as bioabsorption agents of heavily contaminated soil and water. *Green Sustainable process for Chemical and Environmental Engineering and Science*, pp.21-30. Elsevier, 2021.

6. ACADEMIC PROFILES

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7. CONTACT

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