

CURRICULUM VITAE



Dr. Mukesh Kumar

Assistant Professor

Deptt. of Environmental Science & Engineering,
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Additional Responsibility: Warden (Boys Hostel-III)
Nodal Officer, Solid Waste Management Project

Research Expertise: Bioremediation and
Pollution Monitoring and Abatement

Research/Teaching Experience

1. Assistant Professor, Department of Environmental Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar, Haryana (Since 21st April 2025).
 2. Worked as Temporary Teacher in the Department of Environmental Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar, Haryana from 14th September, 2023 to 21st April, 2025.
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Education Qualification: - M.Sc., M.Tech., Ph.D.

Department of Environmental Science and Engineering,
Guru Jambheshwar University of Science and Technology, Hisar (Haryana) India

Awards & Honors:

Sr. No	Name of Award	Awarding Agency	Year
1	SRF Rajiv Gandhi national fellowship (RGNF)	UGC, New Delhi	2016
2	JRF Rajiv Gandhi national fellowship (RGNF)	UGC, New Delhi	2014
3.	JRF TEQIP-II	World Bank fellowship	2014
4	UGC Net	UGC, New Delhi	2012

Research Project (Ongoing)

- Inspection of Grossly Polluting Industries (GPIs-2025) located in Haryana under the project titled '*Inspection of GPIs for Compliance Verification*' sponsored by the Central Pollution Control Board, New Delhi (CPCB).

- Bio-Electrolysis system integration with composting process to reduce maturation time of domestic waste

Research Project completed

- Inspection of Grossly Polluting Industries (GPIs-2024) located in Uttar Pradesh under the project titled '*Inspection of GPIs for Compliance Verification*' sponsored by the Central Pollution Control Board, New Delhi (CPCB).

Publications:

- Kumar, M., and Bishnoi, N. R. (2020). Statistical approach in optimum conditions simulation and kinetic modeling for the confirmed electroplating industrial effluents treatment. *Bioresour. Technol. Rep.*, 100416.
- Kumar, M., and Bishnoi, N. R. (2020). Microaerophilic Growth of Iron Oxidizing Bacteria Isolated from Contaminated Site of Electroplating Industry. *Annals of Biology*. 36 (3) 389-392.
- Gupta, S., Verma, A., Sharma, J., Kumari, S., Sharma, P., Kumar, M., and Bishnoi, N. R. (2018). Potential and comparison of sulphate reducing bacterial consortia in reduction of chromium (VI). *Annals of Biology*, 34(3), 255-259.
- Sharma, P., Kumari, S., Lal, S., Kumar, M., and Bishnoi, N. R. (2018). Study on impact of acid and alkali pretreatment of rice straw using FTIR spectroscopy and SEM analysis. *Annals of Agri Bio Research*, 23(2), 130-135.
- Kumari, S., Manju, Sharma, P., Lal, S., Kumar, M., and Bishnoi, N.R. (2017). Evaluation of different screening methods for qualitative analysis of cellulase activity of thermophilic bacteria. *Ann. Agri-Bio. Res.*, 22(2), 154-157.
- Singh, R., Kumar, M., and Bishnoi, N. R. (2016). Development of biomaterial for chromium (VI) detoxification using *Aspergillus flavus* system supported with iron. *Ecol Eng.* 91:31-40.
- Manju, Kumar, A., Kumar, M., and Bishnoi, N. R. (2016). Kinetic study of methylene blue removal on immobilized biomass left after enzyme production using response surface methodology. *J. Appl. Life Sci. Int.*, 6(3), 1-9.
- Manju, Kumari, S., Sharma, J., Gupta, S., Kumar, M., Kumar, A., Verma, A., Shalu, Sharma, P., Kumar, S.S., Lal S., and Bishnoi N. R. (2016). An assessment of Cadmium removal from simulated waste water using leftover biomass of water hyacinth immobilized via *Emericella nidulans*. *J. Appl. Life Sci. Int.*, 8(3): 1-10.