

Rashid Iftikhar

DD Programs
University Main Office (UMO)

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About

Dr. Rashid Iftikhar is working as DD Programs in the University Main Office (UMO). Dr. Rashid Iftikhar has a PhD in Environmental Biogeochemistry. Dr. Rashid Iftikhar has published 14 research articles & conference papers having a citation count of 79, carried out 1 projects and filed 0 intellectual property.

Qualifications

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| PhD in Environmental Biogeochemistry Monash University , Australia | 2018 - 2022 |
| MSc in International Masters of Environmental Science University of Cologne , Germany | 2012 - 2015 |
| BE in Textile Engineering BZU, Multan , Pakistan | 2006 - 2010 |

Experience

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| DD Programs University Main Office (UMO) | 2025- Present |
| Assistant Professor Institute of Environmental Sciences & Engineering | 2024 - 2025 |
| Assistant Professor Institute of Environmental Sciences & Engineering | 2022 - 2024 |
| Lecturer Institute of Environmental Sciences & Engineering | 2022 - 2022 |
| Lecturer Institute of Environmental Sciences & Engineering | 2018 - 2018 |
| Lecturer Institute of Environmental Sciences & Engineering | 2016 - 2018 |
| Jr. Asst. Manager Nishat Chunian Ltd , Nishat Chunian Lted Raiwind Road | 2010 - 2011 |

Professional Memberships

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| PEC | Since 2016 |
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Research Projects

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| National Projects Growing microalgal biomass as aquaculture feed in a scalable novel raceway pond using Vinasse from ethanol based industry Funding Agency: NUST Amount: PKR 1,000,000.00 Status: Approved_inprocess |
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International Projects

Research Articles

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| Phycocyanin as a sustainable future resource: A review on recent advancements, fundamental challenges, opportunities and applications <i>Haider Ali Rashid Iftikhar Muhammad Ali Inam Muhammad umer Abbas Sahar Saleem Faras ahmad Shahbaz Humayun Nadeem Aleena Tahir Muhammad Momin</i> <i>Bioresource Technology Reports</i> , Volume 31, Article Number 102215 Impact Factor: 4.300 Quartile: 2 DOI: https://doi.org/10.1016/j.biteb.2025.102215 | 2025 |
| Recent Progress in Selenium Remediation from Aqueous Systems: State-of-the-Art Technologies, Challenges, and Prospects <i>Muhammad Ali Inam Muhammad Usman Rashid Iftikhar Mathias Ernst Svetlozar Velizarov</i> <i>Water</i> , Volume:17, Issue:15, Article Number:2241, Pages:34 Impact Factor: 3.0 Quartile: 2 DOI: https://doi.org/10.3390/w17152241 | 2025 |
| Highly efficient phosphate extraction from water using bio-composites of nano zero valent iron supported on orange peel powder (nZVI@OPP): performance evaluation and mechanistic insights <i>Fahad Nadeem Muhammad Ali Inam Rashid Iftikhar Safiullah Gill Hira Amjad</i> <i>Environmental Science and Pollution Research</i> , Volume 32, Pages 9809-9825 Impact Factor: N/A DOI: https://doi.org/10.1007/s11356-025-36311-9 | 2025 |
| Enhanced hexavalent chromium (VI) removal from water using nano zero valent iron modified orange peel powder biochar <i>Safiullah Gill Muhammad Ali Inam Rashid Iftikhar Fahad Nadeem Hira Amjad Zubaah Khalid</i> <i>International Journal of Environmental Science and Technology</i> , Pages 1-14 Impact Factor: 3.000 Quartile: 2 DOI: https://doi.org/10.1007/s13762-025-06381-w | 2025 |
| Highly efficient adsorptive removal of phosphate using novel perovskite lanthanum ferrite/graphene oxide (LaFeO₃-GO) hybrids from water <i>Jawad Rauf Muhammad Ali Inam Rashid Iftikhar Hira Amjad Deedar Nabi</i> <i>Journal of Water Process Engineering</i> , Volume 67 , Article number 106158 Impact Factor: 6.300 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1016/j.jwpe.2024.106158 | 2024 |
| Comparative phosphate sorption and recovery potential of mono and bimetallic iron-lanthanum impregnated biochar derived via co-pyrolysis of sewage sludge and wheat straw: Highly effective phosphatic fertilizer <i>Iqra Irfan Muhammad Ali Inam Rashid Iftikhar</i> <i>Journal of Water Process Engineering</i> , Volume 66, Article Number 106110 Impact Factor: 6.3 Quartile: 1 Citations: 4 DOI: https://doi.org/10.1016/j.jwpe.2024.106110 | 2024 |
| Eco-friendly cultivation of microalgae using a horizontal twin layer system for treatment of real solid waste leachate <i>Sahar Saleem Zeshan Sheikh Rashid Iftikhar Mazhar Iqbal Zafar</i> <i>Journal of Environmental Management</i> , Volume 351, Article ID: 119847, Pages:14 Impact Factor: 8.7 Quartile: 1 Citations: 5 DOI: 10.1016/j.jenvman.2023.119847 | 2024 |
| Adsorptive recovery of phosphate using iron functionalized biochar prepared via co-pyrolysis of wheat straw and sewage sludge <i>Iqra Irfan Muhammad Ali Inam Waleed Usmani Rashid Iftikhar Zaib Jahan</i> <i>Environmental Technology and Innovation</i> , Volume 32, Article Number 103434 Impact Factor: 7.1 Quartile: 1 Citations: 15 DOI: https://doi.org/10.1016/j.eti.2023.103434 | 2023 |
| Efficient removal of hexavalent chromium Cr (VI) using magnesium-iron layered double hydroxide supported on orange peel (Mg-Fe LDH@OPP): A synthetic experimental and mechanism studies <i>Waleed Usmani Muhammad Ali Inam Rashid Iftikhar Iqra Irfan Rabia Adnan Muhammad Bilal Khan Niazi Rizwan Khan Muhammad Hassan</i> <i>Journal of Water Process Engineering</i> , Volume 55, Article Number: 104233 Impact Factor: 7 Quartile: 1 Citations: 14 DOI: 10.1016/j.jwpe.2023.104233 | 2023 |

Microalgal treatment of high-nutrient wastewater using twin layer cultivation system 2023

Nabia Farrukh Sohail Zeshan Rashid Ittikhar Sahar Saleem

Journal of Environmental Chemical Engineering, Volume 11, Issue 2, Article Number 109248

Impact Factor: 7.968 | **Quartile:** 1 | **Citations:** 12

DOI: <https://doi.org/10.1016/j.jece.2022.109248>

Operation of microalgal horizontal twin layer system for treatment of real wastewater and production of lipids 2022

Sahar Saleem Zeshan Rashid Ittikhar Muhammad Arshad Muhammad Zeeshan Ali Khan Muhammad Hassan

Journal of Water Process Engineering, Volume 48, Article Number 102932

Impact Factor: 7.340 | **Quartile:** 1 | **Citations:** 7

DOI: [10.1016/j.jwpe.2022.102932](https://doi.org/10.1016/j.jwpe.2022.102932)

Growth kinetics of microalgae cultivated in different dilutions of fresh leachate for sustainable nutrient recovery and carbon fixation 2022

Sahar Saleem Zeshan Rashid Ittikhar Mazhar Iqbal Zafar Nabia Farrukh Sohail

Biochemical Engineering Journal, Volume 178, Article Number 108299

Impact Factor: 3.978 | **Quartile:** 2 | **Citations:** 18

DOI: [10.1016/j.bej.2021.108299](https://doi.org/10.1016/j.bej.2021.108299)

Conference Proceedings

Operation of Inclined Porous Substrate Bioreactor for Wastewater Treatment Using Microalgae and Sustainable Biodiesel-Lipid Production 2021

Sahar Saleem Zeshan Rashid Ittikhar Muhammad Arshad Muhammad Hassan

13th International Conference on Sustainable Energy & Environmental Protection, University of Natural Resources and Life Science, res.country(12,)

Citations: N/A

DOI: Nil