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 76, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Environmental Biogeochemistry 2018 - 2022
Monash University , Australia

MSc in International Masters of Environmental Science 2012 - 2015
University of Cologne , Germany

BE in Textile Engineering 2006 - 2010
BZU, Multan , Pakistan

Experience

DD Programs 2025- Present
University Main Office (UMO)

Assistant Professor 2024 - 2025
Institute of Environmental Sciences & Engineering

Assistant Professor 2022 - 2024
Institute of Environmental Sciences & Engineering

Lecturer 2022 - 2022
Institute of Environmental Sciences & Engineering

Lecturer 2018 - 2018
Institute of Environmental Sciences & Engineering

Lecturer 2016 - 2018
Institute of Environmental Sciences & Engineering

Jr. Asst. Manager 2010 - 2011
Nishat Chunian Ltd , Nishat Chunian Lted Raiwind Road

Professional Memberships

PEC Since 2016

Research Projects

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

International Projects

Research Articles

Phycocyanin as a sustainable future resource: A review on recent advancements, fundamental challenges, opportunities and applications 2025

Haider Ali Rashid Iftikhar Muhammad Ali Inam Muhammad umer Abbas Sahar Saleem Faras ahmad Shahbaz Humayun Nadeem Aleena Tahir Muhammad Momin

Bioresource Technology Reports, Volume 31, Article Number 102215

Impact Factor: 4.300 | **Quartile:** 2

DOI: https://doi.org/10.1016/j.biteb.2025.102215

Recent Progress in Selenium Remediation from Aqueous Systems: State-of-the-Art Technologies, Challenges, and Prospects 2025

Muhammad Ali Inam Muhammad Usman Rashid Iftikhar Mathias Ernst Svetlozar Velizarov

Water, Volume:17, Issue:15, Article Number:2241, Pages:34

Impact Factor: 3.0 | **Quartile:** 2

DOI: https://doi.org/10.3390/w17152241

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 2025

Fahad Nadeem Muhammad Ali Inam Rashid Iftikhar Safiullah Gill Hira Amjad

Environmental Science and Pollution Research, Volume 32, Pages 9809-9825

Impact Factor: N/A

DOI: https://doi.org/10.1007/s11356-025-36311-9

Enhanced hexavalent chromium (VI) removal from water using nano zero valent iron modified orange peel powder biochar 2025

Safiullah Gill Muhammad Ali Inam Rashid Iftikhar Fahad Nadeem Hira Amjad Zubaah Khalid

International Journal of Environmental Science and Technology, Pages 1-14

Impact Factor: 3.000 | **Quartile:** 2

DOI: https://doi.org/10.1007/s13762-025-06381-w

Highly efficient adsorptive removal of phosphate using novel perovskite lanthanum ferrite/graphene oxide (LaFeO3-GO) hybrids from water 2024

Jawad Rauf Muhammad Ali Inam Rashid Iftikhar Hira Amjad Deedar Nabi

Journal of Water Process Engineering, Volume 67 , Article number 106158

Impact Factor: 6.300 | **Quartile:** 1 | **Citations:** 2

DOI: https://doi.org/10.1016/j.jwpe.2024.106158

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 2024

Iqra Irfan Muhammad Ali Inam Rashid Iftikhar

Journal of Water Process Engineering, Volume 66, Article Number 106110

Impact Factor: 6.3 | **Quartile:** 1 | **Citations:** 4

DOI: https://doi.org/10.1016/j.jwpe.2024.106110

Eco-friendly cultivation of microalgae using a horizontal twin layer system for treatment of real solid waste leachate 2024

Sahar Saleem Zeshan Sheikh Rashid Iftikhar Mazhar Iqbal Zafar

Journal of Environmental Management, Volume 351, Article ID: 119847, Pages:14

Impact Factor: 8.7 | **Quartile:** 1 | **Citations:** 5

DOI: 10.1016/j.jenvman.2023.119847

Adsorptive recovery of phosphate using iron functionalized biochar prepared via co-pyrolysis of wheat straw and sewage sludge 2023

Iqra Irfan Muhammad Ali Inam Waleed Usmani Rashid Iftikhar Zaib Jahan

Environmental Technology and Innovation, Volume 32, Article Number 103434

Impact Factor: 7.1 | **Quartile:** 1 | **Citations:** 14

DOI: https://doi.org/10.1016/j.eti.2023.103434

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 2023

Waleed Usmani Muhammad Ali Inam Rashid Iftikhar Iqra Irfan Rabia Adnan Muhammad Bilal Khan Niazi Rizwan Khan Muhammad Hassan

Journal of Water Process Engineering, Volume 55, Article Number: 104233

Impact Factor: 7 | **Quartile:** 1 | **Citations:** 14

DOI: 10.1016/j.jwpe.2023.104233

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

Nabia Farrukh Sohail Zeshan Rashid Iftikhar 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 Iftikhar 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:** 5

DOI: 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 Iftikhar 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

Conference Proceedings

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

Sahar Saleem Zeshan Rashid Iftikhar 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