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| **Curriculum Vitae of Prof. Dr. Muhammad Ibrahim**Professor – Environmental SciencesSpecialized areas:Particulate Air Pollution; Soil Remediation; Solid Waste Management; Climate Change and Adaptation; Water and Wastewater Research  | **C:\Users\Ibraheem\Desktop\GCUF Mono.png** |

**Publications Metrics**

**Articles in Impact Factor and Reputed Journals**: 160

**Book Chapters**: 11

**Submitted/Under Review**: 16

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| **Citation indices** | **All Citations** |
| Citations | 12680 |
| h-index | 49 |
| i10-index | 125 |

**Countries Visited**: Tunisia, Italy, Egypt, South Korea, Slovenia, France, Malaysia, Nepal, China, Qatar, Thailand, Australia, Austria, Hungary, Czech Republic, Slovak Republic, Switzerland

**International Reviewer**: National Center of Science & Technology Evaluation, Ministry of Education & Science, Astana, Republic of Kazakhstan

**INTERNATIONAL FUNDING**

1. **Muhammad Ibrahim**. 2011. *Study on Water Movement in Soil Disturbed by Human Beings*. (Dr. Sang Keun Ha, ***PI***), Soil & Fertilizer Management Division. Department of Agricultural Environment, National Academy of Agricultural Science, Rural Development Administration, Suwon 441-707, South Korea.
2. **Muhammad Ibrahim (Co-PI). Hi**malayan **A**daptation**, Wa**ter and **Re**silience **(HIAWARE)** Research on Glacier and Snowpack Dependent River Basins for Improving Livelihoods. **(Heat Stress in Faisalabad, Pakistan)**, GCUF is a sub-grantee of the Hiaware project and this project is funded by IDRC-Canada (Euro 50,000).

**NATIONAL FUNDING**

1. **Muhammad Ibrahim** (***PI***). Characterization of respirable and particulate matters in Faisalabad and Chiniot cities. Funded under NRPU-HEC (PKR 3.75 million).
2. **Muhammad Ibrahim** (***PI***). Characterization of microalgae for municipal wastewater treatment and high-value products. Funded under NRPU-HEC (PKR 4.145 million).
3. **Muhammad Ibrahim (*Co-PI*).** Removal of Metals and organic dyes from effluents by Micellar enhanced ultra filtration. Funded by HEC, Pakistan (PKR 2.84 million).
4. **Muhammad Ibrahim (*Co-PI*).** Heat stress in slums and congested areas of Faisalabad city. Funded by HEC, Pakistan (PKR 2.07million).
5. **Muhammad Ibrahim** (***PI***). Photo-catalytic degradation of aqueous mixture of reactive dyes using nano-materials. GCUF under Research Support Program (PKR 100,000).
6. **Muhammad Ibrahim** (***PI***). Industrial effluent treatment using integrated treatment processes. GCUF under Research Support Program (PKR 100,000).
7. **Muhammad Ibrahim** (***PI***). Solid Waste Management System in Faisalabad: Current Status and Future Prospective (Collaborative work between FWMC and GCUF). This involved MPhil thesis research and joint investigations. Funded by Faisalabad Waste Management Company (FWMC).
8. **Muhammad Ibrahim (*Co-PI*)**. Semiconductor doped and functionalized carbon-based nanomaterials for drinking water treatment contaminated with metals and pathogens. Submitted to NRPU-HEC, Pakistan (PKR 10.29 million).
9. **Muhammad Ibrahim (*Co-PI*)**. Environment focusing and climate mitigation on metro scale plastic waste reduction in marginalized communities. Submitted to Grand Challenge Fund (PKR ---million).
10. **Muhammad Ibrahim (*PI*)**. Development of thermally comfortable materials for sustainable housing in slum areas to combat health impacts of heat stress and indoor environmental quality. Submitted to Grand Challenge Fund (PKR 152.71 million).

**Active Memorandum of Understanding (MoU) with International Institutes**

**Institute of Atmospheric Physics**, Chinese Academy of Sciences, Beijing, **China** (2 students completed PhD, 1 enrolled).

**Prof. Dr. Saleem Ali** Chair in Sustainable Resource Development, Centre for Social Responsibility in Mining, University of Queensland, **Australia** (Research Collaboration especially on life cycle assessment).

**Prof. Dr. SuxhinTu** College of Resources & Environment, Huazhong Agricultural University, Wuhan, **China** (Research Collaboration, Joint Projects/Supervision, and Publications, 1 student is going for PhD next term).

**Prof. Dr. Aijie Wang** Head, Environmental Biotechnology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing, China (one student complete PhD, Research Collaboration).

**Prof. Dr. Taufiq Yap Yun-Hin** Department of Chemistry of Science, Universiti Putra Malaysia, **Malaysia** (Research Collaboration, Joint Projects, and Publications).

**Dr. Umer Rashid** Material Processing & Technology Laboratory (MPTL), Institute of Advanced Technology (ITMA), Universiti Putra Malaysia, **Malaysia** (Research Collaboration, Joint Projects, and Publications).

**Scientific and Professional Recognition**

1. Merit Scholarship for Undergraduate and Postgraduate Studies
2. Institute of Soil & Environmental Sciences Commendation 2007
3. Grants by ICTP 2007 and TWAS 2008
4. Star Laureate 2009 by South Asia Publications
5. Award at National Level “**XXth Star Award 2009**”
6. Higher Education Commission (HEC), Pakistan Recognized Ph.D. Supervisor
7. Young Scientist Award by Korean Society of Soil Science and Fertilizers (KSSSF) 2010
8. Research Award by GCUF on producing quality research papers 2010, 2011, 2012, 2013, 2014, 2015, 2016
9. Research Productivity Award (RPA) by Pakistan Council of Science & Technology (PCST)

**Presentation at International Levels** – *Presented as Oral/Invited/Keynote* talks at international conferences at Tunisia, Italy, Egypt, South Korea, Nepal, China, Thailand and Australia

**Coordinator/Head Department of Environmental Sciences & Engineering:** Overall *Incharge* of the department and all programs (BS, MPhil and PhD). Assisting to the Dean and the Vice-Chancellor **(2014 to 2019)**.

**Chairman Department of Agricultural Sciences:** since December 27, 2022, I am chair of the department and overall incharge of all academic and research activities.

**Manager Research Operations:** The responsibilities include overall monitoring and evaluation of research activities, policy guidelines, and ideas related to MPhil/PhD scholars and faculty members **(2012-2016)**

**MPhil Coordinator:** Coordinator for MPhil programs in Environmental Sciences and Environmental Engineering. Managing and take care of courses offered and student’s academic and research **(2014 to date)**

**Professional Assignment:**

**Member Board of Directors**, Parks and Horticultural Authority (PHA), Faisalabad.

**Editor** [Pakistan Journal of Life & Social Sciences](http://www.pjlss.edu.pk) (PJLSS) 2015 to 2018 (HEC recognized/Scopus indexed)

**Guest Editor** Sustainability(MDPI) 2022 (SCI)

**Associate Editor** [Pakistan Journal of Life & Social Sciences](http://www.pjlss.edu.pk) (PJLSS) 2009-2015

**Member Editorial Board (National)** [Asian Journal of Agriculture and Biology](http://www.asianjab.com/editorial-board/) (AJAB) 2014 to 2018 (HEC/Scopus)

**Postgraduate Supervision (PhD) Postgraduate Supervision (MPhil)**

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| Completed  | 12 | Completed  | 80 |
| Under supervision  | 5 | Under supervision | 2 |

**Scientific Conferences/Seminars Attended = 35**

**Administrative Responsibilities**

* Member of Various Organizing Committees at different universities (UAF, UoS and GCUF)
* *Incharge* Curriculum Development, University College of Agriculture, University of Sargodha
* *Manager University-Industry Linkages & Technology Transfer,* GCU Faisalabad (2012).
* *Deputy Senior Tutor,* Faculty of Science & Technology, GCU University Faisalabad (2012).
* *Organizer/Co-Organizer 1st,* 2nd, 3rd, and 4th *International Conference on Global Environmental Changes* at GCUF.
* *Principal Organizer* of various workshops and symposium at National and International level (in collaboration with HEC, IEEE, British Council, ProQuest, PASTIC, PSF, IPO).

I have been able to publish research articles in journal specialized in Environmental Science. Thesis include *Environmental Science & Pollution Research*; *Ecotoxicology and Environmental Safety*; *Chemosphere*; *Theoretical & Applied Climatology*; *Plant, Soil & Environment*; *Energy*; *Energy Sources*; *Journal of Thermal Analysis and Calorimetry*; *Journal of Hazardous Materials*; *Bioresource Technology*; Journal of Cleaner Production(these include **Q1** and **Q2**, **high impact factor** Journals related to **Environmental Science**).

