

# Hafiz Muhammad Umer Aslam

Lecturer

University of Management and Technology

Lahore, Pakistan

Email: [umeraslamenv@gmail.com](mailto:umeraslamenv@gmail.com)

Phone: +92 332 4905766,

## Education

Sr. No.	Degree	Institute	Passing Year	Grades
1	M. Phil (Environmental Science)	Lahore School of Economics (LSE), Punjab, Pakistan	2016	3.90/4.00 (CGPA)
2	BS (Environmental Science)	University of the Punjab, Lahore, Pakistan	2013	3.33/4.00 (CGPA)

## Majors in Bachelor and Master

- ✓ Water Pollution and Remediation
- ✓ Solid and Hazardous Waste Management
- ✓ Air Pollution
- ✓ Environmental Chemistry
- ✓ Environmental Engineering
- ✓ Sustainable Development

## Professional Experience

January 2017 –

**Lecturer**

Current

***University of Management and Technology, Lahore***

- Developed semester outlines and instructional plans.
- Research and technical writings on Multidisciplinary areas
- Current member of Admission Committee
- Reviewer in Bioscientific Reviews, a local journal that is issued by the department of Life Sciences, UMT
- Member of social media outreach page of Chemistry Department
- Worked as a team member in Lab Development Committee

February 2015 –

**Assistant Manager EHS**

January 2017

***US Apparel and Textiles (Pvt.) Ltd.***

- Managed health and safety program, including on-site evaluations, internal audits and customer surveys.
- Assisted manager compliance in preparing standard operating procedures and corrective action reports.
- Optimized induction training program for employees to maximize team safety.

## Publications and Conference Presentations

---

- **Aslam HMU**, et al., (2022). Impacts of Plasticizers on Riverine Ecological Integrity in Context to Sustainability Challenges. In *Microplastic Pollution* (pp. 323-346). Springer, Cham.
- Aslam, M., Qadir, A., Hafeez, S., **Aslam, HMU.**, & Ahmad, S. R. (2022). Spatiotemporal dynamics of microplastics burden in River Ravi, Pakistan. *Journal of Environmental Chemical Engineering*, 10(3), 107652.
- **Aslam HMU**, et al., (2020). Climatic events and natural disasters of 21<sup>st</sup> century. A perspective of Pakistan. *International Journal of Economic and Environmental Geology*, 11(2): 46-54.
- Ashfaq M, Anjum M.A, Haider M. S, Ali M, Mubashar U, Bashir U, **Aslam H.M.U** and Sajjad M (2020). Association of *Cladosporium cladosporioides* brown leaf spot of lady palm in Pakistan. *The Journal of Animal & Plant Sciences*, 30(2): 371-376.
- **Aslam HMU** et al. Organic waste composting: A resource recovery approach towards sustainable environment. In: World Conference on Waste Management (WCWM 2019) held in Colombo, Sri Lanka on 7-8 March 2019. **(Published in Conference Proceedings)**
- **Aslam HMU** and Khan MR. Utilization of MSW in thermal power production: A techno-economic study of Kasur city, Punjab, Pakistan. In: 38<sup>th</sup> all Pakistan Science Conference held at University of the Punjab, Lahore on 10-11 December 2018. **(Published in Book of Abstracts)**
- Khan MR, Ghaffar A, **Aslam HMU** (2018). Trace elements in medicinal seeds. *Sci Inquiry Rev.*;2(4):35–42.
- Ali, M., H.A.A. Khan, H.M. Tahir, A. Tariq, M. Ashfaq, S.W. Ali, A. Gulzar, **Aslam HMU**, U. Khalid, S. Yousaf and U. Mubashar (2017). Larvicidal potential of different plants extracts against the larvae of Mosquito. *Pak. Entomol.*, 39(1):37-40.

## Skills

---

- |   |  |
|---|--|
| ✓ MS Office                                   | ✓ Microsoft Publisher                            |
| ✓ Origin: Data Analysis and Graphing Software | ✓ Curriculum development, Editing and formatting |
| ✓ Technical research                          | ✓ Academic writing                               |

## International and National Certifications

---

- |   |  |
|---|--|
| ❖ IELTS (7.0)   | ❖ IOSH MS (UK)                             |
| ❖ Level 4 Award in Health and Safety (UK)                     | ❖ Social System Lead Auditor (IRCA)        |
| ❖ Managing and controlling waste in the workplace (Sri Lanka) | ❖ GIS (Geographic Information System)      |
| ❖ Green Productivity & IMS                                    | ❖ Emotional Intelligence                   |
| ❖ Fire Safety   | ❖ Air Pollution and Air Quality Monitoring |
| ❖ ISO 14001   | ❖ Biosafety and Biosecurity                |

## Honors and Awards

---

- Travel grant was secured to present research paper in an international conference held in Sri Lanka (7-8 March, 2019).
- Won certificate and medal for session's best presentation award in that conference.
- Got fully funded scholarship for MS studies, 2013.

## Internships

---

- Studied Environmental and Economical aspects of Solar System installed at Race Course (Jillani Park) under Urban Unit Department. *Duration: 6 weeks*
- Studied Analytical Techniques on Biogas Generation in PCSIR (Pakistan Council of Scientific & Industrial Research). *Duration: 6 weeks*

## Social Projects

---

- Worked as a team leader with Bulleh Shah Packaging (Private) Limited for their social school program "*Learning Skills for Kids*".
- Conducted lectures on "*School Health & Safety Awareness Program*" at different Schools of Lahore under Sustainability Institute of Pakistan.
- Briefly studied the social impacts of Metro Bus Transit system on the surrounding people, psychological conditions of the people.
- Conducted a survey of Wazirabad and Chiniot as industrial cities. The survey included lifestyle, livelihood, working and living conditions, their food, major occupation, their exports, mode of transport, health care and educational facilities and relationships between people of small industrial city.
- Participated in three day survey of Balakot and Muzaffarabad to find out the conditions of people after two major disasters, Earthquake and Flood.
- Conducted a detailed survey of Walled City Lahore that was aimed to find out the living and working conditions of residents, their lifestyle, social relationships among people, livelihood, different business in which they are involved over a period of time, especially the Shoe industry of Walled city, change in pattern of business, role of china and developmental projects and their repercussions on the people of walled city on social point of view.

## References

---

### Dr Munir Ghazanfar

Professor

Department of Environmental Science and Policy Lahore School of Economics, Pakistan.

Tel: +92-300-9422615

E mail: [drmunir@lahoreschool.edu.pk](mailto:drmunir@lahoreschool.edu.pk)

### Dr Sammia Shahid

Associate Professor

Department of Chemistry, SSC University of Management and Technology, Lahore, Pakistan.

Tel: +92-305-4440191

E mail: [sammia.shahid@umt.edu.pk](mailto:sammia.shahid@umt.edu.pk)