



Lasbela University

of Agriculture, Water & Marine Sciences

Uthal District Lasbela, Balochistan

Postcode: 90150, Tel: 0853-610770

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| Name: | Dr. Aziz Ahmed | | |
| Designation: | Assistant Professor | | |
| Email: | aziz_barech@yahoo.com | | |
| Cell No.: | 03312068776 | | |
| Research Area: | Environmental Microbiology, Bioremediation, Solid Waste Management, Landfill leachate treatment, green technology. | | |
| QUALIFICATION | | | |
| DEGREE | PASSING YEAR | MAJORS | UNIVERSITY |
| Ph.D | 2021 | Environmental Science and Management | University of Malaya |
| Master | 2016 | Environmental Science and Management | University of Malaya |
| Master Applied Science | 2011 | Marine Sciences | University of Karachi |
| B.S(Hons) | 2010 | Marine Sciences | Lasbela University of Agriculture, Water & Marine Sciences, Uthal |
| PUBLICATIONS (NATIONAL/INTERNATIONAL) | | | |
| <ol style="list-style-type: none">1. Aziz, A., Agamuthu, P., & Fauziah, S. H. (2018). Removal of bisphenol A and 2, 4-Di-tert-butylphenol from landfill leachate using plant-based coagulant. <i>Waste Management & Research</i>, 36(10), 975-984.2. Aziz, A., Agamuthu, P., & Fauziah, S. H. (2018). Effective removal of p-tert-Butylphenol and Pyridine, 3-(1-methyl-2-pyrrolidiny)-,(S)-from landfill leachate using locust bean gum. <i>Waste Management & Research</i>, 36(12), 1146-1156.3. Ossai, I. C., Ahmed, A., Hassan, A., & Hamid, F. S. (2020). Remediation of soil and water contaminated with petroleum hydrocarbon: A review. <i>Environmental Technology & Innovation</i>, 17, 100526. | | | |

4. Agamuthu, P., Aziz, A., Hassan, A., & Fauziah, S. H. (2020). Remediation of bis (2-Ethylhexyl) Phthalate and Phenol, 4, 4'-(1-Methylethylidene) bis—in Landfill Leachate Using Biopolymer. In *Urban Mining and Sustainable Waste Management* (pp. 185-193). Springer, Singapore.
5. Aziz, A., Agamuthu, P., Alaribe, F. O., & Fauziah, S. H. (2018). Biodegradation of benzo [a] pyrene by bacterial consortium isolated from mangrove sediment. *Environmental technology*, 39(4), 527-535.
6. Hassan, A., Pariatamby, A., Ossai, I. C., Ahmed, A., Muda, M. A., Wen, T. Z., & Hamid, F. S. (2021). Bioaugmentation-assisted bioremediation and kinetics modelling of heavy metal-polluted landfill soil. *International Journal of Environmental Science and Technology*, 1-26.
7. Hassan, A., Periathamby, A., Ahmed, A., Innocent, O., & Hamid, F. S. (2020). Effective bioremediation of heavy metal-contaminated landfill soil through bioaugmentation using consortia of fungi. *Journal of Soils and Sediments*, 20(1), 66-80.
8. Hassan, A., Pariatamby, A., Ahmed, A., Auta, H. S., & Hamid, F. S. (2019). Enhanced bioremediation of heavy metal contaminated landfill soil using filamentous fungi consortia: a demonstration of bioaugmentation potential. *Water, Air, & Soil Pollution*, 230(9), 1-20.
9. Ugya, A. Y., & Aziz, A. (2016). A Concise Review on the Effect of Tannery Waste Water on Aquatic Fauna. *Merit Journal of Medicine and Medical Sciences*, 4(11), 476-479.
10. Aziz A. Agamuthu P. and Fauziah S H. (2019). Natural Coagulants from Dillenia Indica Seeds for Removal of Persistent Organic Pollutants in Landfill Leachate. In *9th International Conference on Solid Waste Management*. Bhubaneswar, India. Pg 316.
11. Ugya, A.Y and Aziz, A. (2016). Review on the Present Trend in Solid Waste Management. *Emerging Trends in the Remediation of Pollution*. Lulu Publishers. (Published).
12. Alamgir, A., Ahmed, A., & Hasni, K. (2014). Islam, Muslim feminism and women's rights in Malaysia. *European Journal of Social Sciences*, 41(3), 430-437.
13. Alamgir, A., Aziz, A., & Hasni, K. (2014). Islam and Polygamy: Competing Definitions. *European Journal of Social Sciences*, 41 (3), 422-429.

PAPER PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. Aziz A. Agamuthu P. Fauziah S. H. (2015). Biodegradation of selected polycyclic aromatic hydrocarbons (PAHs) by bacteria isolated from mangrove sediments. *International conference on waste management and environment (ICME2105) 20th-22th August 2015, University of Malaya, Kuala Lumpur, Malaysia (Oral presentation on 21th august 2015)*.
2. Aziz, A., Agamuthu, P., & Fauziah, S.H (2018). Removal of bisphenol A and 2,4-Di-tert-butylphenol from landfill leachate using plant based coagulant. *28th International solid Waste Association (ISWA) world congress. 22-24 October 2018. Kuala Lumpur, Malaysia*.
3. Aziz, A., Agamuthu, P., Hassan, A., & Fauziah, S.H (2018). Remediation of bis(2-ethylhexyl) phthalate and Phenol, 4,4'-(1-methylethylidene)bis- in landfill leachate using biopolymer.

Proceeding of the 8th IconSWM 2018 on sustainable waste management: November 22-24. Guntur, AP, India.

4. Aziz, A., Agamuthu, P., Hassan, A., & Fauziah, S.H (2019). Extraction of natural coagulants from *Dillenia indica* seeds for removal of persistent organic pollutants in landfill leachate. Proceeding of the 9th IconSWM 2019 on sustainable waste management toward circular economy: November 27-29. Bhubaneswar, Odisha, India.
5. Aziz A. Agamuthu P. Fauziah S. H. (2016). Isolation and characterization of fluoranthene and benzo[a]pyrene-degrading bacterial consortium from mangrove sediment. International workshop on "Evaluation and prediction of nutrients availability from bio-waste using sensor and cloud technology to meet crop demands in Malaysia" 19th February 2016, University of Malay, Kuala Lumpur, Malaysia.
6. Agamuthu P. Aziz A and Fauziah S H. (2019). Natural Coagulants from *Dillenia Indica* Seeds for Removal of Persistent Organic Pollutants in Landfill Leachate. In (Ed Sadhan Kumar Ghosh) Proc. of the 9th International Conference on Solid Waste Management. Bhubaneswar, India. Pg 316.

TEACHING EXPERIENCE

| Designation | From | To | Organization |
|---------------------|---------------|--------------|------------------------------------------------------------|
| Assistant Professor | 17 June 2021 | Till now | Lasbela University of Agriculture, Water & Marine Sciences |
| Lecturer | 23 March 2011 | 16 June 2021 | Lasbela University of Agriculture, Water & Marine Sciences |

Workshops/Seminars/Trainings Attended and Conducted:

1. Work as an organizing committee member in "International Solid Waste Association-University of Malaya Summer School 2017" from August 7th, 2017 to August 18th, 2017.
2. International workshop on "Evaluation and prediction of nutrients availability from bio-waste using sensor and cloud technology to meet crop demands in Malaysia" 19th February 2016, University of Malay, Kuala Lumpur, Malaysia.
3. International seminar on "Partnership Society with Local Resident on Waste Management in Malaysia" on January 2015 in Kuala Lumpur Library.
4. Work as an organizing committee member in "International conference on waste management and environment" (ICME2105) 20th-22th August 2015, University of Malaya, Kuala Lumpur, Malaysia.
5. Two days workshop on teaching and Assessment in Higher Education on 26th to 27th January 2012, Learning Innovation Division (LID), Higher Education commission (HEC).
6. Three days Cascading workshop on "Ensuring training Effectiveness" on 5th to 7th January 2012, organized by LID, HEC.

7. Two day's workshop on Curriculum Development and Paper Setting organized by Quality Enhancement Cell, LUAWMS Uthal on November 24th to 25th, 2011.
8. Work as a volunteer in "Stop Littering Campaign" in Kuala Lumpur, organized by LOCAL AGENDA 21 KUALA LUMPUR.
9. A survey along Coastline of Balochistan under supervision of Marine Faculty (LUAWMS).
10. Seven days workshop on geographic information system organized by IUCN, Serena Hotel, Quetta.
11. Three days Training on Masters Dissertation Boot camp organized by Institute of Graduate Studies University of Malaya, Kuala Lumpur, Malaysia.