

CURRICULUM VITAE

PERSONAL DATA

Name	Muhammad Asif Niaz Hussain
Nationality	Pakistani
Position	Assistant Professor
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EDUCATION

Year	Academic Degree	Institution
2013	PhD	University of Salford, UK
2005	MSc	University of Peshawar, Pakistan

WORK EXPERIENCE

Period	Position	Address
Jan-2025 to Present	Assistant Professor	Department of Mathematics and Statistics, Imam Mohammad Ibn Saud Islamic University (IMSIU), Saudi Arabia
July-2014 to Jan-2025	Assistant Professor	Department of Statistics, University of Malakand, Pakistan

RESEARCH INTERESTS

Statistics and Operational Research

PUBLICATIONS

1. McHale, I.G. & Asif, M. (2013). A modified Duckworth–Lewis method for adjusting targets in interrupted limited overs cricket. *European Journal of Operational Research*, 225, 353-362. Publisher: Elsevier, IF=6.363
2. Asif, M. & McHale, I.G. (2016) In-play forecasting of win probability in One-Day International cricket: a dynamic logistic regression model. *International Journal of Forecasting*, 32 (1), 34-43 Publisher: Elsevier, IF=7.022, Govt. Of Pakistan HEC Best Research Paper Award 2015/16.
3. Nazir, N., Jan, M. R., Ali, A., Asif, M., Idrees, M., Nisar, M., Zahoor, M., and Naser, M. (2017). Prevalence of Hepatitis C Virus Genotypes and Potential Transmission Risks in Malakand Khyber Pakhtunkhwa, Pakistan. *Virology Journal*. Publisher: BMC Springer Nature, IF=5.913
4. Asif, M., K. Nawaz, Z. Zaheer, H. Thygesen, A. Abu-Shaheen and M. Riaz (2019). Seasonality of deaths with respect to age and cause in Chitral District Pakistan. *PLOS ONE* 14(12). Publisher: Public Library of Science (PLOS), IF=3.752
5. Asif, M. & McHale, I.G. (2019) A Generalized Non-Linear Forecasting Model for Limited Overs International Cricket. *International Journal of Forecasting*, 35, 634-640 Publisher: Elsevier, IF=7.022
6. Asif, M., Ahmadian, A., Azeem, M., & Pansera, B. A. (2021). A short comparative study on modified Duckworth-Lewis methods. *PLOS ONE*, 16(11), e0259423. <https://doi.org/10.1371/journal.pone.0259423>, IF=3.752
7. Riaz, M., Shah, G., Asif, M., Shah, A., Adhikari, K., Abu-Shaheen, A. (2021). Factors Associated with Hypertension in Pakistan: A Systematic Review and Meta-Analysis. *PLOS ONE* 16 (1). Publisher: Public Library of Science (PLOS), IF=3.752
8. Abdullah, Khan, M. A., Ahmad, W., Ahmad, M., Adhikari, A., Ibrar, M., Rehman M., Asif, M. (2021) Antioxidant, antinociceptive, anti-inflammatory and hepatoprotective activities of pentacyclic triterpenes isolated from *Ziziphus oxyphylla* Edgew. *Drug and Chemical Toxicology* Publisher: Informa Healthcare (Taylor and Francis Online), IF=2.32
9. Khan, M.A., Asif, M., Khan, A. S, and Azeem, M. (2020). Factors Affecting The Academic Performance Of Students at Higher Secondary School Level in Malakand District. *Pakistan Journal of Society, Education and Language (PJSEL)*, 6(2), pp. 197-207. Available at: <https://pjsel.jehanf.com/index.php/journal/article/view/374>
10. Hussain, S., Zichuan, M., Hussain, S., Iftikhar, A., Asif, M., Akhtar, S., & Ahmad, S. (2020). On Estimation of Distribution Function Using Dual Auxiliary Information under Nonresponse Using Simple Random Sampling. *Journal of Probability and Statistics*, doi:10.1155/2020/1693612
11. Giwa, A. S., Ali, N., Ahmad, I., Asif, M., Guo, R.-B., Li, F.-L., & Lu, M. (2020). Prospects of China's biogas: Fundamentals, challenges and considerations. *Energy Reports*, 6, 2973-2987. doi:<https://doi.org/10.1016/j.egyr.2020.10.027>. Publisher: Elsevier, IF = 4.937
12. Ali, Z. Ullah, I, Nazir, N., Asif, M., and Azeem, M. (2020). Social and Financial Efficiency: Institutional Characteristics of the Partner Organizations of Pakistan Poverty Alleviation Fund *PLOS ONE* 15(12). Publisher: Public Library of Science (PLOS), IF=3.752

13. Giwa, A. S., Ali, N., & Asif, M. (2020). Swine manure valorization in fabrication of nutrition and energy. *Applied Microbiology and Biotechnology*. doi:10.1007/s00253-020-10963-8. Publisher: Springer Link, IF=5.560
14. Asif, M., Hayat, M., Azeem, M., & Khan, S. (2021). Factors Associated to High School Students Dropout in Malakand District Pakistan. *Pakistan Journal of Society, Education and Language* (PJSEL), 8(1). <https://pjsel.jehanf.com/index.php/journal/article/view/639/481>
15. Ali, Z., Asif, M, Ullah, I, Nazir, N., & Rehman, A. (2023). Financial and Social Efficiency of Microcredit Programs of Partner Organizations of Pakistan Poverty Alleviation Fund PLOS ONE (2023). Publisher: Public Library of Science (PLOS), IF=3.752
16. Azeem, M., Asif, M., Ilyas, M., Rafiq, M., & Ahmad, S. (2021). An efficient modification to diagonal systematic sampling for finite populations. *AIMS Mathematics*, 6(5), 5193-5204. IF=2.739
17. Asif, M. & Yousaf, M. (2024) Rating players in One-Day International Cricket using Modified Duckworth-Lewis model. *IMA Journal of Management Mathematics*, <https://doi.org/10.1093/imaman/dpad014> , IF=1.7