

## Mohsin Ali

Assistant Professor

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## About

Dr. Mohsin Ali is working as Assistant Professor in the NUST Business School. Dr. Mohsin Ali has a PhD in Mathematics. Dr. Mohsin Ali has published 4 research articles & conference papers having a citation count of 65, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Mathematics</b> Lahore University of Management Sciences , Pakistan	2016 - 2023
<b>MSc in Mathematics</b> Lahore University of Management Sciences , Pakistan	2014 - 2016
<b>BSc in Mathematics</b> Lahore University of Management Sciences , Pakistan	2009 - 2013

## Experience

<b>Assistant Professor</b> NUST Business School	2024- Present
<b>Adjunct Faculty</b> Lahore University of Management Sciences , Lahore University of Management Sciences	2022 - 2023
<b>Senior MATH Teacher</b> TNS Beaconhouse , TNS Beaconhouse	2019 - 2023

## Research Articles

<b>A model for the transmission dynamics of pneumococcal pneumonia and influenza co-infection</b> <i>Mohsin Ali Adnan Khan Shaper Mirza Mudassar Imran</i> <i>International Journal of Biomathematics</i> , Pages 1-23 <b>Impact Factor:</b> 2.400   <b>Quartile:</b> 2 <b>DOI:</b> <a href="https://doi.org/10.1142/S1793524523500869">https://doi.org/10.1142/S1793524523500869</a>	2023
<b>Effect of high and low risk susceptibles in the transmission dynamics of COVID-19 and control strategies</b> <i>Adnan Khan Mohsin Ali Wizda Iqbal Mudassar Imran</i> <i>PLoS ONE</i> , Volume 16, Issue 9, Article Number e0257354 <b>Impact Factor:</b> 3.752   <b>Quartile:</b> 2 <b>DOI:</b> <a href="https://doi.org/10.1371/journal.pone.0257354">doi.org/10.1371/journal.pone.0257354</a>	2021
<b>The role of asymptomatic class, quarantine and isolation in the transmission of COVID-19</b> <i>Mohsin Ali Syed Touqeer H Shah Mudassar Imran Adnan Khan</i> <i>Journal of Biological Dynamics</i> , Volume 14, Issue 1, Pages 389-408 <b>Impact Factor:</b> 2.179   <b>Quartile:</b> 3   <b>Citations:</b> 63 <b>DOI:</b> <a href="https://www.tandfonline.com/doi/full/10.1080/17513758.2020.1773000">https://www.tandfonline.com/doi/full/10.1080/17513758.2020.1773000</a>	2020
<b>Analysis and prediction of the COVID-19 outbreak in Pakistan</b> <i>Mohsin Ali Mudassar Imran Adnan Khan</i> <i>Journal of Biological Dynamics</i> , Volume 14, Issue 1, Pages 730-747 <b>Impact Factor:</b> 2.179   <b>Quartile:</b> 3   <b>Citations:</b> 2 <b>DOI:</b> <a href="https://www.tandfonline.com/doi/full/10.1080/17513758.2020.1814883">https://www.tandfonline.com/doi/full/10.1080/17513758.2020.1814883</a>	2020