Sajjad Ur Rehman

Assistant Professor

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About

Dr. Sajjad Ur Rehman is working as Assistant Professor in the College of Aeronautical Engineering. Dr. Sajjad Ur Rehman has a PhD in Applied Mathematics. Dr. Sajjad Ur Rehman has published 5 research articles & conference papers having a citation count of 168, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Applied Mathematics   2013 - 2019
  Yonsei University , South Korea

MPhil in Applied Mathematics   2011 - 2013
  Quaid-i-Azam University , Pakistan

MSc in Applied Mathematics   2007 - 2010
  Quaid-i-Azam University , Pakistan

BSc in Science   2007 - 2007
  University of the Punjab , Pakistan

Experience

Assistant Professor   2022- Present
  College of Aeronautical Engineering

Assistant Professor   2022 - 2022
  College of Aeronautical Engineering

Assistant Professor   2022 - 2022
  College of Aeronautical Engineering

Post-Doctorate   2019 - 2020
  Sogang University Seoul South Korea , Dept of Machanical ENgineering Sogang University Seoul South Korea

Research Articles

Effect of Weissenberg number on polymer-laden turbulence 2022

Sajjad Ur Rehman Junghoon Lee Changhoon Lee

Physical Review Fluids , Volume 7, Issue 6, Article Number 064303

Impact Factor: 2.537 | **Quartile:** 1 | **Citations:** 8
DOI: DOI: 10.1103/PhysRevFluids.7.064303

Heat exchange within the partially heated C-shape cavity filled with the water based SWCNTs 2018

Rizwan ul Haq Feroz Ahmed Soomro Z. Hammouchc Sajjad Ur Rehman

International Journal of Heat and Mass Transfer, Volume 127, Part B, Pages 506-514

Impact Factor: 4.346 | **Quartile:** 1 | **Citations:** 55
DOI: DOI: 10.1016/j.ijheatmasstransfer.2018.07.101

Numerical study of non-Newtonian fluid flow over an exponentially stretching surface: an optimal HAM validation 2017

Sajjad ur Rehman Rizwan ul Haq Changhoon Lee Sohail Nadeem

Journal of the Brazilian Society of Mechanical Sciences and Engineering, Volume 39, Issue 5, Pages 1589-1596

Impact Factor: 1.627 | **Quartile:** 3 | **Citations:** 20
DOI: DOI: 10.1007/s40430-016-0687-3

Entropy generation analysis for non-Newtonian nanofluid with zero normal flux of nanoparticles at the stretching surface 2016

Sajjad Ur Rehman Rizwan ul Haq Zafar Hayat Khan Changhoon Lee

Journal of the Taiwan Institute of Chemical Engineers, Volume 63, Pages 226-235

Impact Factor: 4.217 | **Quartile:** 1 | **Citations:** 74
DOI: https://doi.org/10.1016/j.jtice.2016.03.006

Series solution of magneto-hydrodynamic boundary layer flow over bi-directional exponentially stretching surfaces 2016

Sajjad Ur Rehman Sohail Nadeem Changhoon Lee

Journal of the Brazilian Society of Mechanical Sciences and Engineering, Volume 38, Issue 2, Pages 443-453

Impact Factor: 1.235 | **Quartile:** 3 | **Citations:** 11
DOI: https://doi.org/10.1007/s40430-015-0344-2