

Syed Haris Iftikhar

Assistant Professor
College of Electrical & Mechanical Engineering
Email: haris.iftikhar@ceme.nust.edu.pk
Contact:
LinkedIn:



About

Dr. Syed Haris Iftikhar is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Syed Haris Iftikhar has a PhD in Mechanical Engineering. Dr. Syed Haris Iftikhar has published 18 research articles & conference papers having a citation count of 193, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mechanical Engineering United Arab Emirates University , United Arab Emirates	2019 - 2024
MS in Mechanical Engineering King Fahad University of Petroleum and Minerals , Saudi Arabia	2014 - 2017
BS in Mechanical Engineering Ghulam Ishaq Khan Institute of Science & Technology , Pakistan	2008 - 2012

Experience

Assistant Professor College of Electrical & Mechanical Engineering	2024- Present
Lecturer College of Electrical & Mechanical Engineering	2024 - 2024
Lecturer College of Electrical & Mechanical Engineering	2019 - 2024
Lecturer College of Electrical & Mechanical Engineering	2017 - 2019
Lecturer NUST , College of EME, Peshawar Road, Rawalpindi	2017 - 2019
Lab Researcher (part-time) Center for Engineering Research, KFUPM , Center for Engineering Research, KFUPM, Dhahran, Saudi Arabia	2015 - 2016
Lab Engineer Ghulam Ishaq Khan Institute , GIK Institute, Topi, Pakistan	2013 - 2014

Professional Memberships

PEC	Since 2013
-----	------------

Research Articles

Integrated Taguchi-PCA-GRA based multi objective optimization of tube projection and radial clearance for friction stir welded heat exchanger tube-to-tube sheet joints <i>Dinu Thomas Thekkuden Muhammad M. Sherif Mohammad Alkhedher Syed Haris Iftikhar Abdel-Hamid Ismail Mourad</i> <i>International Journal of Lightweight Materials and Manufacture</i> , Volume 7, Issue 6, Pages 914-924 Impact Factor: N/A Citations: 1 DOI: https://doi.org/10.1016/j.ijlmm.2024.05.010	2024
Friction stir spot welding of recycled scrap thermoplastics <i>Syed Haris Iftikhar Nizamudeen Cherupurakal R. Krishnapriya Abdel-Hamid Ismail Mourad</i> <i>International Journal of Lightweight Materials and Manufacture</i> , Volume 7, Issue 6, Pages 838-848	2024

Impact Factor: N/A Citations: 1 DOI: https://doi.org/10.1016/j.ijlmm.2024.06.003	
Feasibility of Friction Stir Welding for Sealing the Roller-Expanded Heat Exchanger Tube-to-Tubesheet Joints <i>Dinu Thomas Thekkuden Abdel-Hamid Ismail Mourad Syed Haris Iftikhar Gulshan Kumar Mohammad Alkhedher Engineered Science</i> , Volume 31, Article Number 1199 Impact Factor: N/A Citations: 2 DOI: http://dx.doi.org/10.30919/es1199	2024
Adhesive reinforced friction stir welded thermoplastic tube-to-tubesheet hybrid joints <i>Syed Haris Iftikhar Jaber Abu Qudeiri Abdel-Hamid Ismail Mourad Polymer Testing</i> , Volume 129, Article Number 108275 Impact Factor: 5.000 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1016/j.polymertesting.2023.108275	2023
Friction stir welding of carbon black reinforced high-density polyethylene tube-to-tubesheet joints <i>Syed Haris Iftikhar Abdel-Hamid Ismail Mourad Dinu Thomas Thekkuden Nizamudeen Cherupurakal R. Krishnapriya International Journal of Lightweight Materials and Manufacture</i> , Volume 6, Issue 4, Pages 589-605 Impact Factor: N/A Citations: 4 DOI: https://doi.org/10.1016/j.ijlmm.2023.09.001	2023
Friction stir weld processing for achieving maximum tube-to-tubesheet leak path <i>Dinu Thomas Thekkuden Abdel-Hamid Ismail Mourad Syed Haris Iftikhar R. Krishnapriya Materials and Manufacturing Processes</i> , Volume 38, Issue 11, Pages 1455-1461 Impact Factor: 4.100 Quartile: 2 Citations: 4 DOI: https://doi.org/10.1080/10426914.2023.2176874	2023
Tire and rubber particles in the environment-A case study from a hot arid region <i>Rana Zeeshan Habib Ruwaya Al Kendi Furtuna Ghebremedhin Marim Elakashlan Syed Haris Iftikhar Vijo Poulose Tholkappiyan Ramachandran Abdel-Hamid Ismail Mourad Fathalla Hamed Thies Thiemann Frontiers in Environmental Science</i> , Volume 10, Article Number 1009802 Impact Factor: 4.600 Quartile: 2 Citations: 9 DOI: https://doi.org/10.3389/fenvs.2022.1009802	2022
Microplastic Contamination of Chicken Meat and Fish through Plastic Cutting Boards <i>Rana Zeeshan Habib Ruwaya Al Kendi Feras Al Salem Wajeeh Faris Kittaneh Vijo Poulose Syed Haris Iftikhar Abdel-Hamid Ismail Mourad Thies Thiemann International Journal of Environmental Research and Public Health</i> , Volume 19, Issue 20, Article Number 13442 Impact Factor: N/A Citations: 46 DOI: https://doi.org/10.3390/ijerph192013442	2022
Friction stir welding of tube-to-tubesheets for thermoplastic shell and tube heat exchangers <i>Syed Haris Iftikhar Abdel-Hamid Ismail Mourad Dinu Thomas Thekkuden Manufacturing Letters</i> , Volume 34, Pages 82-86 Impact Factor: 3.900 Citations: 7 DOI: https://doi.org/10.1016/j.mfglet.2022.09.009	2022
Plastic cutting boards as a source of microplastics in meat <i>Rana Zeeshan Habib Vijo Poulose Rana Alsaidi Ruwaya al Kendi Syed Haris Iftikhar Abdel-Hamid Ismail Mourad Wajeeh Fares Kittaneh Thies Thiemann Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , Volume 39, Issue 3, Pages 609-619 Impact Factor: 2.900 Quartile: 2 Citations: 46 DOI: https://doi.org/10.1080/19440049.2021.2017002	2022
Mechanical Characterization and Fracture Behavior of Extruded ZK60A Magnesium Alloy <i>Mohamed Kamal I. H. Temraz Abdel-Hamid Ismail Mourad Jafar Albinmousa Syed Haris Iftikhar International Review of Aerospace Engineering</i> , Volume 14, Issue 5, Pages 272-284 Impact Factor: N/A Citations: 1 DOI: https://doi.org/10.15866/irease.v14i5.20044	2021
A method for assessing critical plane-based multiaxial fatigue damage models <i>Syed Haris Iftikhar Jafar Albinmousa Fatigue and Fracture of Engineering Materials and Structures</i> , Volume 41, Issue 1, Pages 235-245 Impact Factor: 2.533 Quartile: 1 Citations: 18 DOI: https://doi.org/10.1111/ffe.12675	2018

- Numerical modeling of friction stir welding of thermoplastic materials - An overview** 2022
Syed Haris Iftikhar Abdel-Hamid Ismail Mourad Melia Guessoum
2022 Advances in Science and Engineering Technology International Conferences, ASET 2022, res.country(2,)
Citations: N/A
DOI: 10.1109/ASET53988.2022.9735017
- Temporal and economic benefits of vertical take-off and landing vehicles in urban transport** 2020
Md. Zishan Akhter Mohsin Raza Syed Haris Iftikhar Mohsin Raza
2020 Advances in Science and Engineering Technology International Conferences, ASET 2020, res.country(2,)
Citations: N/A
DOI: 10.1109/ASET48392.2020.9118256
- An overview of friction stir welding of high-density polyethylene** 2020
Syed Haris Iftikhar Abdel-Hamid Ismail Mourad Jamal Sheikh-Ahmad
2020 Advances in Science and Engineering Technology International Conferences, ASET 2020, res.country(2,)
Citations: N/A
DOI: 10.1109/ASET48392.2020.9118183
- Fatigue Crack Imaging of V-Notch Specimen using X-Ray Tomography** 2018
Jafar Albinmousa Ibrahim Mansir Jobin Jose Mehaboob Basha Syed Haris Iftikhar
6th International Conference on Crack Paths (CP 2018), Verona, Italy, 19-21 September 2018, res.country(109,)
Citations: N/A
DOI: N/A
- Modeling Multiaxial Fatigue Damage using Polar Equations** 2017
Jafar Albinmousa Syed Haris Iftikhar Mustafa Al-Samkhan
Proceedings of the International Mechanical Engineering Congress & Exposition (ASME IMECE2017), November 3-9, 2017, Tampa, Florida, USA, res.country(233,)
Citations: N/A
DOI: 10.1115/IMECE2017-70998