

**Faisal Mehmood**  
Lab Engineer  
School of Mechanical & Manufacturing Engineering  
**Email:** faisal.mehmood@smme.nust.edu.pk  
**Contact:** 000000000  
**LinkedIn:**



---

**About**

Dr. Faisal Mehmood is working as Lab Engineer in the School of Mechanical & Manufacturing Engineering. Dr. Faisal Mehmood has published 8 research articles & conference papers having a citation count of 117, carried out 0 projects and filed 0 intellectual property.

**Qualifications**

<b>MS in Robotics And Intelligent Machine Engineering</b> NUST, Islamabad , Pakistan	2016 - 2018
<b>BS in Electrical Engineering</b> COMSATS Institute of Information Technology, Wah , Pakistan	2012 - 2016

**Experience**

<b>Lab Engineer</b> School of Mechanical & Manufacturing Engineering	2023- Present
<b>Lab Engineer</b> School of Mechanical & Manufacturing Engineering	2019 - 2019
<b>Lab Engineer</b> School of Mechanical & Manufacturing Engineering	2018 - 2019

## Research Articles

---

- An Experimental Trial: Multi-Robot Therapy for Categorization of Autism Level Using Hidden Markov Model** 2021  
*Sara Baber Sial Faisal Mehmood Yasar Ayaz Muhammad Sajid Haleema Sadia Raheel Nawaz*  
*Journal of Educational Computing Research*, Pages 1-20  
**Impact Factor:** 4.345 | **Quartile:** 1 | **Citations:** 6  
**DOI:** <https://doi.org/10.1177/07356331211040405>
- Attentional behavior of children with ASD in response to robotic agents** 2021  
*Yasar Ayaz Faisal Mehmood Hamed Mahzoon Yuichiro Yoshikawa Hiroshi Ishiguro Haleema Sadia Sara Baber Sial*  
*IEEE Access*, Volume 9, Pages 31946-31955  
**Impact Factor:** 3.476 | **Quartile:** 2 | **Citations:** 9  
**DOI:** 10.1109/ACCESS.2021.3056211
- A Preliminary Study on Effectiveness of a Standardized Multi-Robot Therapy for Improvement in Collaborative Multi-Human Interaction of Children With ASD** 2020  
*Sara Baber Sial Yasar Ayaz Faisal Mehmood Muhammad Jawad Khan Umer Asgher Haleema Sadia Ernest Edifor Raheel Nawaz*  
*IEEE Access*, Volume 8, Pages 109466-109474  
**Impact Factor:** 3.367 | **Quartile:** 2 | **Citations:** 14  
**DOI:** 10.1109/ACCESS.2020.3001365
- Dominance in Visual Space of ASD Children Using Multi-Robot Joint Attention Integrated Distributed Imitation System** 2019  
*Faisal Mehmood Yasar Ayaz Sara Baber Sial Rita de Cassia Amadeu Haleema Sadia*  
*IEEE Access*, Volume 7, Pages 168815-168827  
**Impact Factor:** 3.745 | **Quartile:** 1 | **Citations:** 23  
**DOI:** DOI: 10.1109/ACCESS.2019.2951366
- An Adaptive Multi-Robot Therapy for Improving Joint Attention and Imitation of ASD Children** 2019  
*Sara Baber Sial Faisal Mehmood Darren Dancey Yasar Ayaz Muhammad Jawad Khan Noman Naseer Rita De Cassia Amadeu Haleema Sadia Raheel Nawaz*  
*IEEE access*, Volume 7  
**Impact Factor:** 3.745 | **Quartile:** 1 | **Citations:** 62  
**DOI:** 10.1109/ACCESS.2019.2923678
- Whole body motion and footstep planning for humanoid robots with multi-heuristic search** 2019  
*Yasar Ayaz Rizwan Asif Ali Athar Faisal Mehmood Fahad Islam*  
*Robotics and Autonomous Systems*, Volume 116, Pages 51-63  
**Impact Factor:** 2.825 | **Quartile:** 2 | **Citations:** 3  
**DOI:** 10.1016/j.robot.2019.03.007

## Conference Proceedings

---

- Human Robot Interaction: Identifying Resembling Emotions Using Dynamic Body Gestures of Robot** 2023  
*Sara Ali Faisal Mehmood Khawaja Fahad Iqbal Yasar Ayaz Muhammad Sajid Muhammad Babar Sial Muhammad Faiq Malik Kashif Javed*  
*2023 3rd International Conference on Artificial Intelligence (ICAI)*, res.country(177,)  
**Citations:** N/A  
**DOI:** 10.1109/ICA158407.2023.10136649
- Effect of Paired Stimuli on Joint Attention of Children with ASD** 2020  
*Sara Ali Yasar Ayaz Muhammad Jawad Khan Faisal Mehmood Umer Asgher*  
*International Conference on Applied Human Factors and Ergonomics*, res.country(233,)  
**Citations:** N/A  
**DOI:** N/A