

Dr. Hafsah Ahmad

Assistant Professor

Personal Data:

Nationality | Pakistan
Date of Hire | 05 April, 2020
Date Rank Obtained | 26 November, 2021
Department | Biomedical Engineering
Email | hahmad@kfu.edu.sa
Office No | 59-3088
Office Phone No | 7221

Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Bioengineering and Robotics	Multisensory integration	University of Genova	Italy	2020
Masters (M.Sc.)	Biomedical Engineering	Neural engineering	National University of Sciences and Technolohy	Pakistan	2016
Bachelor (B.Sc.)	Electronics Engineering	Signal and image processing	International Islamic University Islamabad	Pakistan	2013

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	The Sound of Scotoma: A multisensory integration approach for individuals with central scotoma.
Master	Real-time phase synchronization in brain.

Experiences:

Title of Job	Address of Work	Country	Date	
			From	To
Assistant Professor	King Faisal University	KSA	From	Dec 2021
			To	present
Postdoctoral Research Associate	PAF-IASST	Pakistan	From	Jan 2021
			To	Nov 2021
Research Collaborator	Italian Institute of Technology	Italy	From	Nov, 2019
			To	May, 2020
Visiting Researcher	Institute of neuroscience de La Timone	France	From	Sep, 2018
			To	Dec, 2018

Research Interests:

1. Multisensory integration for sensory deprived individuals.
2. Physiological signals
3. Low-vision rehabilitation
4. EEG

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	H. Ahmad, A. Tonelli, C. Campus, E. Capris, V. Facchini, M. Gori	An audio-visual motor training improves audio spatial localization skills in individuals with scotomas due to retinal degenerative diseases	Acta Psychologica, 31/07/2021	Click Here
2	H. Ahmad, A. Tonelli, M. Crepaldi, C. Campus, G. Sandini, M. Gori	Audio-Visual Thumble (AVT): A low-vision rehabilitation device using multisensory feedbacks	IEEE EMBC, 25/07/2020	Click Here
3	H. Ahmad, W. Setti, C. Campus, E. Capris, V. Facchini, G. Sandini, M. Gori	The Sound of Scotoma: Audio Space Representation Reorganization in Individuals With Macular Degeneration	Frontiers in Neuroscience, 20/08/2019	Click Here
4	H. Ahmad, W. Setti, E. Capris, V. Facchini, G. Sandini, M. Gori	A novel device to understand audio-spatial representation in individuals with scotoma	IEEE EMBC, 19/08/2019	Click Here

Language Proficiency:

1. English - Fluent
2. Urdu - Fluent
3. Pushto – Native
4. Italian: Elementary proficiency
5. German: Elementary proficiency